

Historic, Archive Document

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FARMER

*Seed and Nursery
Company*

FARIBAULT, MINN.

1942

Home Defense Garden

Hi-Vitamin Vegetables

1 Pkt. New Oak Leaf Lettuce.....	\$0.10
1 Pkt. New Victor Tomato.....	.15
1 Pkt. Streamliner Carrot.....	.15
1 Pkt. Early Winesap Beet.....	.10
1 Pkt. Faribo Brittle Wax Beans.....	.10
1 Pkt. Tender Giant Peas.....	.10
1 Pkt. Early Bird Radish.....	.10

May also be ordered thru your
dealer.

80c Value

FOR
ONLY

50c

Postpaid

**FLAX
SEED**

HYBRID
HARD SEED
RED WING

PAGE 71

**NEW
SUPER
HYBRID
SEED CORN**

Pg. 68-69

**GENUINE
GRIMM
ALFALFA**

PAGE 62

**SOY
BEANS**

PAGE 72

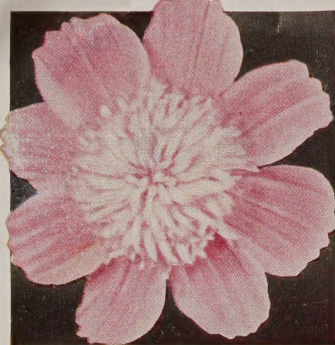
**BROME
GRASS**

PAGE 61

PRIZE-WINNING

All-America Selections

FOR 1942



COSMOS

No. 1315 Double Sensation

This Giant Early Strain blooms in 12 weeks from sowing. The flowers are 4 to 5 inches across, with heavy fluted petals and a two-inch crested center, making them appear even more mammoth. Colors include crimson, pink and white. Pkt. 25c



2/3 SIZE



PHLOX

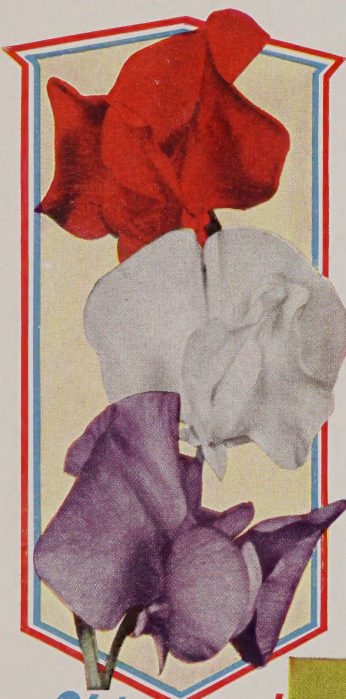
No. 1664 Red Glory

Giant blooms with individual flowers an inch across. Color rich bright red with contrasting white eye. Blooms freely and continuously. Pkt. 25c

MARIGOLD

No. 1505 Double Butterball

This Dwarf French Marigold has bright canary-yellow flowers, 1 1/4 inches across. Grows only 10 inches high, splendid for edging. Plants completely covered with blooms until frost. Pkt. 25c



Old Glory 35¢
Collection

SWEET PEAS

Show Your National Colors in Your 1942 Garden of Each

1854 Red Cross—Dazzling Scarlet
1837 Cascade—Large Pure White
1847 Mariner—Clear Marine-Blue

35¢



MARIGOLD Golden Bedder No. 1495

A Dwarf Chrysanthemum Flowered Type. The golden orange flowers have a row of outer guard petals surmounted by a fully double crest. Plants form symmetrical mounds, covered with flowers. Pkt. 25c



COSMOS

Yellow Klondyke

No. 1313 This new silver medal winning Cosmos has all the good qualities of Orange Flare. Its color is a rich golden yellow. Plants grow 3 to 4 feet tall and bloom freely. Pkt. 25c



ZINNIA

Royal Purple No. 1936

A new Giant Dahlia Flowered Zinnia of a deep rich Royal purple without blue toning. Flowers are uniformly large, 4 inches across, and fully double. Plants grow 3 ft. high. Pkt. 25c



MORNING GLORY PEARLY GATES

No. 1520—The Silver Medal Winner for 1942

Big satiny white flowers with a creamy shading in the throat, giving a beautiful appearance. A grand companion for its counterpart Heavenly Blue Morning Glory. For red, white and blue effect, add Scarlet O'Hara or Cornell. (See Page 54). Pkt. 25c

FREE PACKET Double Sensation Cosmos with Order for 3 or more Packets ALL-AMERICA Selections if Requested

NOTE—These prices are exceptionally low and may have to be advanced at any time—Order Early.

BLUE FIGURE PRICE LIST

Prices subject to market changes, stocks being unsold; bags included in weight.

THE FARMER SEED & NURSERY CO. guarantee satisfaction to every customer. Complaints, if justified, will be adjusted to the amount remitted, however THE FARMER SEED & NURSERY CO. give no warranty, express or implied, as to the descriptions, productiveness, or any other matter of any

seeds, bulbs or plants they send out, and will not be in any way responsible for the crop. Purity and germination tests are given for guidance only, and without guarantee. If the purchaser does not accept goods on these terms, they are to be returned at once. All prices are F. O. B. Faribault.

FARMER SEED & NURSERY CO., FARIBAULT, MINN. Jan. 26, 1942

EXCEPTIONAL LOT OFFERS FOR EARLY ORDERS

LOT "VIGOR" HYBRID CORN

Exactly the same inheritance, purity and germination as No. 1 Registered Seed. Medium and small thick in assorted hybrids, graded from Registered Seed. Suitable for drilling or checking with your medium or small plates.

Group A—Early Maturities—	Your Choice
Minhy, 800, 702 & Master F20, F60 & Wis. 355	Any
Group B—Medium Maturities—	Group
Minhy, 501, 603, 500, 501, 502 & Master F80	\$2.25
Group C—Later Maturities—	Per Bu.
Minhy, 301, 403, 404, 405 & Master F100	

Our selection of varieties within the group.

LOT "DEFENSE" SOY BEANS

(YOUR CHOICE OF MANCHU OR HABARO) Minn. grown beans with 99% purity and 90% to 95% germ. Grow these soys with highest protein and oil content! U. S. production goal calls for 1,100,000 more acres! 400% more soy bean protein needed for our war effort. Only 10,000 lbs. in this lot. Your choice Manchu or Habaro: Bu. \$2.60, 100 lbs. \$4.10.

LOT "VICTORY" MONTANA ALFALFA

A-1 quality, bright, plump, clean, U. S. Verified Origin Seed, 99% pure. Germ. 97%, including hard seeds. No noxious weeds. Most of the best and cold resistant Alfalfa on the market. Help your country's war effort by growing high-protein feed for the huge Northwest Dairy Production Program. Only 5,000 lbs. in this Special Lot—buy early: Bu. \$21.00, 100 lbs. \$35.00.

LOT "EMERGENCY" TURGHAI PROSO MILLET

50 to 70 bu. of seed, plus 3 tons of hay per acre on heavy soil (U. S. D. A. report). One of richest feeds for hogs, cattle and sheep. Contains 17% protein. A better egg producer in poultry, and better weight builder in turkeys, than other grains or corn. Can be grown after taking off early peas, and still ripen before frost. A money-maker in the booming Dairy and Poultry Production Program.

This special lot of 10,000 lbs. only,—while unsold: 25 lbs. \$1.10, 50 lbs. \$1.90, 100 lbs. \$3.50.

LOT "SOIL BUILDER"

YOUR CHOICE: YELLOW OR WHITE BLOSSOM SWEET CLOVER

Exceptionally fine seed 99% pure. Germ. 95%. Records show your cattle can earn \$17.30 per head MORE than those not pastured on Sweet Clover. Get your share of the booming Northwest Dairy income with this enriched, high-protein feed. Only 10,000 lbs. in this lot—act promptly. Yellow or White Blossom: Bu. \$7.50, 100 lbs. \$12.25.

LOT "HONEY DRIP" MINNESOTA EARLY AMBER CANE

Minn. grown Early Amber is superior to that grown elsewhere. It's very early, hardy, of fine quality, and yields 12 to 20 tons of cane per acre. Makes 175 to 200 gallons of delicious, rich golden yellow syrup from 1 acre! Grows 12 to 18 ft. high, making succulent fodder. To produce tremendous crops of quality feed or silage, plant 2 rows of Cane with each 2 rows of fodder corn. Only 5,000 lbs. in this special lot—order early: 25 lbs. \$1.30, 50 lbs. \$2.25, 100 lbs. \$4.25.

MINNESOTA-GROWN CLOVER

SUPER-HARDY—FREE FROM NOXIOUS WEEDS

(Bu. 60 lbs.)	Page	Peck	Bu.	100 Lbs.
Prices include sacks				
MEDIUM RED CLOVER				
"Master Farmer".....	63	\$ 3.85	\$14.85	\$24.50
Fancy.....	63	3.80	14.55	24.00
NEW CUMBERLAND MED. RED CLOVER				
Washington Certified.....	63	5.45	21.15	35.00
MAMMOTH CLOVER				
"Master Farmer".....	63	3.85	14.85	24.50
WHITE DUTCH CLOVER				
"Master Farmer".....	63	11.45	45.15	75.00
ALSIKE CLOVER				
"Master Farmer".....	63	3.85	14.85	24.50
Fancy.....	63	3.80	14.55	24.00
SWEET CLOVER, WHITE BLOSSOM				
"Master Farmer".....	64	2.15	7.95	13.00
Fancy.....	64	2.10	7.65	12.50
SWEET CLOVER, GRUNDY COUNTY				
"Master Farmer".....	64	2.15	7.95	13.00
SWEET CLOVER, YELLOW BLOSSOM				
"Master Farmer".....	64	2.15	7.95	13.00
Fancy.....	64	2.10	7.65	12.50
SWEET CLOVER, HUBAM ANNUAL WHITE				
"Master Farmer".....	64	2.75	10.35	17.00

ALFALFAS—U. S. VERIFIED ORIGIN

(Registered and State Sealed Grimm is put in 30-lb. and 60-lb. bags.)

	Page	Peck	Bu.	100 Lbs.
DAKOTA NO. 12, MINNESOTA				
Fancy.....	62	\$5.75	\$22.35	\$37.00
DAKOTA NO. 12, MONTANA				
"Master Farmer".....	62	5.60	21.75	36.00
GRIMM, NORTH DAKOTA REGISTERED.....	62	6.65	25.95	43.00
GRIMM, MONTANA REGISTERED.....	62	6.50	25.35	42.00
VARIEGATED MONTANA				
"Master Farmer".....	62	5.75	22.35	37.00
COSSACK, MONTANA				
"Master Farmer".....	62	5.90	22.95	38.00
COSSACK, MONTANA REGISTERED.....	62	6.65	25.95	43.00
LADAK, MONTANA REGISTERED.....	62	6.65	25.95	43.00

HARDY GRASSES

	Page	25 Lbs.	50 Lbs.	100 Lbs.
Prices include sacks				
TIMOTHY				
"Master Farmer".....	61	\$ 2.60	\$ 4.90	\$ 9.50
Fancy.....	61	2.55	4.80	9.25
TIMOTHY AND ALSIKE				
20-25% Alsike.....	60	3.35	6.40	12.50
30-35% Alsike.....	60	3.65	7.00	13.75
BROME GRASS—MASTER FARMER				
Canadian No. 1.....	61	5.50	10.65	21.00
REED CANARY GRASS				
Fancy.....	61	9.00	17.65	35.00
CRESTED WHEAT GRASS				
Canadian No. 1, M. F.....	61	5.00	9.65	19.00
Fairway Strain No. 1.....	61	5.10	9.90	19.50
DOMESTIC RYE GRASS				
"Master Farmer".....	61	2.60	4.90	9.50
ORCHARD GRASS				
"Master Farmer".....	61	7.25	14.15	28.00

	Page	25 Lbs.	50 Lbs.	100 Lbs.
Prices include sacks				
KENTUCKY BLUE GRASS				
"Master Farmer".....	61	\$6.10	\$11.90	\$23.50
Fancy.....	61	6.00	11.65	23.00
CREeping BENT				
1 lb. 85—5 lbs. \$4.00, Prepaid.....	2	17.75	35.15	70.00
MEADOW FESCUE.....	61	8.50	16.65	33.00
RED TOP				
"Master Farmer".....	61	4.00	7.65	15.00
Fancy.....	61	3.85	7.40	14.50
ALL SEASON PASTURE & MEADOW MIX.				
BROME-CRESTED WHEAT GRASS MIX.....	60	5.25	10.15	20.00
6.25 12.15 24.00	60	6.25	12.15	24.00
MIXTURE FOR LOW WET GROUND.....	60	5.25	10.15	20.00
BROME-ALFALFA MIXTURE.....	60	6.00	11.65	23.00
PERMANENT HOG PASTURE MIXTURE.....	60	5.75	11.15	22.00
ANNUAL HOG PASTURE MIXTURE.....	60	2.10	3.90	7.50

IMPROVED SEED GRAINS

	Bu.	5 Bu. @	10 Bu. @
Prices include sacks			
WHEAT (Bu. 60 lbs.)			
New Rival, Rust Resistant.....	\$2.10	\$2.05	\$2.00
Improved Thatcher, Rust Resistant.....	1.90	1.85	1.80
Mindum Durum.....	1.90	1.85	1.80
Renoun, Canadian Rust Resistant.....	1.90	1.85	1.80
Minuturk Winter, Rust Resistant.....	1.75	1.70	1.65
SPLETTZ or EMMER (Bu. 40 lbs.).....	1.45	1.40	1.35
BARLEY (Bu. 48 lbs.)			
Velvet, Registered.....	1.10	1.05	1.00
Wisconsin Barless (Wis. 38 Reg.).....	1.35	1.30	1.25
Pestland.....	1.70	1.65	1.60
FLAX (Bu. 56 lbs.)			
Bison, Rust and Wilt Resistant.....	3.10	3.05	3.00
Red Wing, Rust and Wilt Resistant.....	3.10	3.05	3.00

	Bu.	5 Bu. @	10 Bu. @
Prices include sacks			
OATS (Bu. 32 lbs.)			
Minrus, Registered.....	\$1.05	\$1.00	\$0.95
Rusota.....	.95	.90	.85
Iogold, Rust Resistant.....	1.00	.95	.90
Gopher (from Registered Seed).....	1.05	1.00	.95
Nakota Hulless, Smut and Rust Resistant.....	2.10	2.05	2.00
Vanguard, Canadian Rust Resistant.....	1.30	1.25	1.20
Iowa Select No. 52.....	1.05	1.00	.95
New Boone (from Certified Seed).....	1.85	1.80	1.75
New Marion (from Certified Seed).....	1.85	1.80	1.75
SPRING RYE (Bu. 56 lbs.).....	1.75	1.70	1.65
BUCKWHEAT (Bu. 50 lbs.)			
Japanese.....	1.40	1.35	1.30
Silver Hull.....	1.40	1.35	1.30

USE ORDER BLANK IN BACK OF CATALOG.

FARMER SEED & NURSERY CO'S Blue Figure Price List

MINNESOTA-GROWN SEED CORN

All Registered Seed Corn in 1-bushel, and 2-bushel State Sealed Bags. See catalog pages 68-70 for description and adaptability of varieties. Prices subject to market changes and stocks being unsold. Germination guaranteed 90% or better (State Laboratory tests show 95%-98%).

MINNESOTA MASTER HYBRIDS

All our Hybrid Seed comes to you already treated with Barbak Hybrid Small and Round Kernels will produce just as well as Flat Kernels —BESIDES—they are cheaper and plant more acres! Each bag of Small or Round Grades will be tagged, recommending proper plates for John Deere, International and Minneapolis-Moline Planters.

PLANT 4 SEEDS PER HILL!

Plant 4 seeds per hill, in order to harvest 3 stalks per hill! Stand is most important in securing the maximum yield. Even with the finest quality seed obtainable, losses in stand of about 25% may be obtained through imperfections in planting, soil conditions, cultural practices, unfavorable weather and damage from rodents. Studies from the 1940 Minnesota Official Yield Trials show an average increase of 3.6 bu. per acre for Early and Medium Hybrids, and 4 bu. per acre for Late Hybrids, using 4 seed planting.

HYBRID SEED CORN

*L=Large. M=Medium. S=Small. R=Round. F=Flats.

CASH PRICES—NO DISCOUNT

Lot "Vigor" Thicks—Groups A, B, and C	Maturity	Peck	1/2 Bu.	Bu.
(Your Choice of Group) See Special Lots (Other Side)		\$0.45	\$1.25	\$2.25
HYBRID SILO CORN—Sold Out, "See Lot 'Vigor' on other side."				
IMPROVED 301, L. or M. F.	107 Days	1.70	3.40	6.25
WISCONSIN 525	105 Days	Sold Out		
MINHYBRID 403, L. or M. F.	110 Days	1.70	3.40	6.25
MINHYBRID 403, S. F. or M. R.*	110 Days	1.45	2.90	5.25
MINHYBRID 403, L. R.	110 Days	1.20	2.40	4.25
WISCONSIN 606	110 Days	Sold Out		
NEW MINHYBRID 404, L. or M. F.	113 Days	1.75	3.50	6.50
NEW MINHYBRID 404, S. F. or M. R.	113 Days	1.50	3.00	5.50
NEW MINHYBRID 404, L. R.	113 Days	1.25	2.50	4.50
NEW MINHYBRID 405, L. or M. F.	113 Days	1.75	3.50	6.50
NEW MINHYBRID 405, L. R.	113 Days	1.25	2.50	4.50
NEW MINHYBRID 601, L. or M. F.	99 Days	1.75	3.50	6.50
NEW MINHYBRID 601, M. R.	99 Days	1.50	3.00	5.50
NEW MINHYBRID 601, L. R.	99 Days	1.25	2.50	4.50
NEW MINHYBRID 602	99 Days	Sold Out		
NEW MINHYBRID 501, L. or M. F.	106 Days	1.75	3.50	6.50
NEW MINHYBRID 501, L. R.	106 Days	1.25	2.50	4.50
MASTER F80	106 Days	Sold Out		
NEW MASTER F81, L. or M. F.	106 Days	1.75	3.50	6.50
NEW MASTER F100, M. F.	110 Days	1.75	3.50	6.50
NEW MASTER F100, S. F.	110 Days	1.50	3.00	5.50
NEW MINHYBRID 700, L. or M. F.	92 Days	1.75	3.50	6.50
MASTER F20, L. or M. F.	85 Days	1.75	3.50	6.50
NEW MINHYBRID 800, L. or M. F.	85 Days	1.75	3.50	6.50
NEW MINHYBRID 800, M. R.	85 Days	1.50	3.00	5.50
WISCONSIN 279	85 Days	Sold Out		
NEW MINHYBRID 702, L. or M. F.	92 Days	1.75	3.50	6.50
NEW MINHYBRID 702, S. F. or M. R.	92 Days	1.50	3.00	5.50
NEW MINHYBRID 702, L. R.	92 Days	1.25	2.50	4.50
WISCONSIN 355, L. F.	92 Days	1.70	3.40	6.25
NEW MASTER F60, L. F.	99 Days	1.75	3.50	6.50
NEW MINHYBRID 603, L. or M. F. only	99 Days	2.10	4.15	7.75
WISCONSIN 460	100 Days	Sold Out		
NEW MINHYBRID 500, L. or M. F.	106 Days	1.75	3.50	6.50
NEW MINHYBRID 502, L. or M. F.	106 Days	Sold Out		
NEW MINHYBRID 502, M. R.	106 Days	Sold Out		

REGISTERED OPEN-POLLINATED

SEED CORN

Germination 95-98%

	Page	Peck	Bu.	5 Bu.
GOLDEN JEWEL, Registered	70	\$ 0.90	\$ 3.00	\$ 2.95
EARLY MURDOCK, Registered	70	.90	3.00	2.95
MINNESOTA 13 CENTRAL, Registered	70	.90	3.00	2.95
MINNESOTA 13 HANEY'S, Registered	70	.95	3.30	3.25
GOLDEN KING, Registered	70	.90	3.30	3.25
MINNESOTA IDEAL, Registered	70	.90	3.00	2.95
NORTHWESTERN DENT, Registered	70	.95	3.30	3.25

Butts and Tips from Registered Seed

	Peck	1 Bu.	5 Bu.
EARLY MURDOCK	\$ 0.65	\$ 2.00	\$ 1.95
GOLDEN JEWEL	.65	2.00	1.95
MINNESOTA 13 CENTRAL	.65	2.00	1.95
MINNESOTA 13 HANEY'S	.75	2.30	2.25
MINNESOTA IDEAL	.65	2.00	1.95
NORTHWESTERN DENT	.75	2.30	2.25
GOLDEN KING	.75	2.30	2.25

MINNESOTA-GROWN FLINT CORN

	Peck	1 Bu.	5 Bu.
RAINBOW FLINT	\$ 0.90	\$ 3.00	\$ 2.95
LONGFELLOW FLINT	.90	3.00	2.95
SMUT NOSE FLINT	.85	2.80	2.75

SILAGE & FODDER CORN REGISTERED

	Peck	1 Bu.	5 Bu.
IDEAL SILO, Registered	\$ 0.75	\$ 2.30	\$ 2.25
EVERGREEN SWEET FODDER (Bu. 48 lbs.)	.85	2.80	2.75

RAPE, CANE, SUDAN GRASS, MILLET

	25 Lbs.	50 Lbs.	100 Lbs.
Prices include sacks			
RAPE, Dwarf Essex, U. S. Grown	\$5.25	\$10.15	\$20.00
CANE			
Minnesota Early Amber	1.40	2.50	4.75
Minnesota Early Orange Sorghum	1.60	2.90	5.50
Dakota Amber, 39-30-S	1.70	3.15	6.00
Fodder Cane	1.15	2.00	3.75
SUDAN GRASS, "Master Farmer"	1.35	2.40	4.50
SUNFLOWER SEED, Mammoth Russian	2.60	4.90	9.50
MILLET			
Golden or German	1.30	2.30	4.25
Siberian	1.30	2.30	4.25
Japanese	1.35	2.40	4.50
Hungarian	1.50	2.65	5.00
Early Fortune	1.00	1.65	3.00
Turghai Proso	1.25	2.15	4.00

SOY BEANS

(Bu. 60 lbs.)	Page	Peck	Bu.	100 Lbs.
HABARO, Minnesota Grown	72	\$ 0.80	\$ 2.70	\$ 4.25
EARLY MINNESOTA MANCHU, Minnesota Registered	72	.85	2.75	4.35
EARLY WISCONSIN MANCHU (Wisconsin No. 3), Minnesota Grown	72	.80	2.70	4.25
MANCHU, Minnesota Grown	72	.80	2.70	4.25
MUKDEN, Minnesota Grown	72	.80	2.70	4.25
NEW RICHLAND, Minnesota Grown				
From Registered Seed	72	.90	3.00	4.75

FIELD PEAS & VETCHES

(Bu. 60 lbs.)	Page	Peck	Bu.	100 Lbs.
CANADA YELLOW FIELD PEAS				
"CHANCELLOR," Grown from Reg. Seed	72	\$ 1.25	\$ 4.35	\$ 7.00
CANADA YELLOW FIELD PEAS, Northern Grown	72	1.20	4.20	6.75
VETCHES, HAIRY OR SAND, Minnesota Grown	72	2.00	7.35	12.00

MINNESOTA-GROWN SEED POTATOES

PRICES SUBJECT TO MARKET CHANGES—Bags free.

If wanted in barrels, add 50c per bbl. of 3 bushels. See Page 21.

SPRING SHIPMENT	Peck	Bu.	5 Bu.
Early Ohio, Red River	\$ 0.50	\$ 1.70	\$ 1.65
Early White Warba, Red River	.50	1.70	1.65
Early Red Warba, Certified	.55	1.80	1.75
Early Irish Cobblers, Certified	.55	1.75	1.70
Early Mesaba, Certified	.55	1.80	1.75
Chippewa, Certified	.55	1.80	1.75

SPRING SHIPMENT	Peck	Bu.	5 Bu.
Katadhin, Certified Red River	\$0.55	\$1.80	\$1.75
Katadhin	.50	1.70	1.65
New Pontiac, Certified Red River	.60	1.90	1.85
New Pontiac	.55	1.75	1.70
New Houma, Red River	.55	1.75	1.70
New Sebago, Certified	10 lbs. only—Ppd. to 3rd Zone		\$1.00

MASTER HYBRIDS

FOR 1942

Direct from Producers
NOT SOLD THRU AGENTS!
SAVE \$1.00 to \$2.00 per Bushel

**SAVE
MONEY**
SEE BLUE FIGURE
PRICE LIST
←

New MASTER MINHYBRID 404

(Maturity 113)

You'll be proud of your field of 404. Taller plants than 403, extremely even in height, make a pleasing "table top" field. Ripens later, yields heavier than 403. Remains stubbornly upright. Smut and ear rots are hard to find. The thick barrel-type ears shell out surprisingly well, making corn of top market grade.

New MASTER MINHYBRID 601

(Maturity 99)

Farmers who liked Old Minhybrid 401, will like New 601. It's pure yellow and will prove a favorite in central regions of Minn., Wis., S. Dak., and Mich., for main crop, and farther south for "hogging off." It stands despite wind, rain and hail, resists smut, and produces an abundance of early ripe corn, before killing frost.

ORDER
DIRECT BY MAIL
See Our
MONEY-SAVING
Price List
←



EVERY BAG
Treated,—
Registered &
State Sealed

BEST
FLAT GRADE



*Many
More*

BRAND
NEW
MINHYBRIDS
MASTER HYBRIDS
& WISCONSIN
HYBRIDS

SEE Pages 68 & 69

FREE for TRIAL
with your order!

With your early order for any of our hybrids, we offer a liberal trial sample of an outstanding New Hybrid for your section, which we expect to release for general planting in 1943.

Act promptly, offer may be withdrawn at any time! Offer applies to any early order of one bushel or more. Be among the first to grow these amazing New Hybrids of the future!

**NEW
HYBRID**
OF THE
FUTURE!

★ ★ ★

Make Your YARD a Wonderland

Wonderland Collection **5 TREES, 5 to 7 ft.** **\$4.35**
(One of each below)
By Express not ppd.

2 Pear Trees . . . } one new Bantam
one Patten
2 Apricots . . . } one new Scout
one Hansen
1 Rosalia Tree . . . } super
hardy

5 TREES, 4 to 5 ft. **\$3.23**
(One of each above)
By Exp. not ppd.

**Every Item
Super Hardy!**

FREE GIFTS

on Early Orders. (See Page 30) Add 15c Pkg. Chg. On Nursery Orders Less than \$1.00.

New BANTAM PEAR

At last, delicious eating pears, hardy as Duchess Apples! Sensation of Minn. Fruit Farm. Flavorful, luscious fruit,—not large, but superb quality. Free from blight. Ideal for lawn. 5-7 ft. trees, 95c; 4-5 ft. 85c, by Exp. not ppd. Plant with a Patten Pollenizer Pear: (10c less than Bantam).

New SCOUT APRICOT

A surprise from Canada, and super-hardy! Delicious, large size, golden Apricots. Remarkable quality, free-stone fruits ripen in July. Survives dry hot summers and 50 below winters. 5-7 ft. trees, 95c; 4-5 ft. 79c, by Exp. Not ppd. Plant with a Hansen Pollinator Apricot: (10c less than Scout).



ROSALIA TREE Truly a "traffic stopper"! Its sensational mass of bloom makes any yard a "Wonderland". Blood-red buds followed by a profusion of large, single, deep rose blossoms. Crab-apple-like fruit makes fine jelly. 5-7 ft. trees, \$1.25; 4-5 ft. 75c, by Exp. Not ppd.



Quality Lawn Seed

1 POUND OF SEED
WILL SOW 250 SQ.
FEET OF LAWN.

30 DAY MIXTURE **35c LB PPD**

A mixture of finest quick growing and permanent grasses—will establish a luxurious lawn in 30 to 40 days under normal conditions. Contains Kentucky Blue Grass—White Dutch Clover—Rye Grass and Red Top. Price: 1 lb. 35c, 5 lbs. \$1.60; prepaid—Not prepaid, 25 lbs. \$7.00; 100 lbs. \$27.00.

SHADY NOOK MIXTURE **45c LB PPD**

Hardy grasses that thrive in shady places—ideal for patching up lawns, filling in barren places under trees, and on north side of house. Price: 1 lb. 45c, 5 lbs. \$2.00, prepaid. Not prepaid, 25 lbs. \$9.00.

FREE LAWN BOOKLET

Tells how to build and maintain a new lawn—rejuvenate old or worn out lawn—how to establish a Bent Lawn—also lawn care and treatment. It's free with your order—ask for it.

GARDEN CITY GRASS **40c LB PPD**

Popular quality mixture for general use. Contains choicest grasses, roots deeply and withstands severe drought. Consists of 60% Kentucky Blue Grass—balance, Red Top and White Clover. Price: 1 lb. 40c, 5 lbs. \$1.85—Not prepaid, 25 lbs. \$8.00, 100 lbs. \$30.00.

CREeping BENT GRASS **85c LB PPD**

Makes fine, dense turf. Ideal for terraces and putting greens. Makes compact sod, due to its spreading habit—eventually crowding out other grasses. Price: 1 lb. 85c, 5 lbs. \$4.00, prepaid.

WHITE LAWN CLOVER **90c LB PPD**

Makes a close, compact growth—covering the ground like a carpet. Grows quickly, producing small white flowers, thrives in sandy soil where other grasses fail. Price: ½ lb. 50c, 1 lb. 90c, 5 lbs. \$4.25, prepaid.

HORMONE WONDER POWDER—Lawns 2 weeks earlier

Faster germination—deeper roots—healthier seedlings and luxurious lawns result from dusting grass seed with Hormone Powder. Inexpensive and simple to use. Pkt. to treat up to 2 to 3 lbs. of seed, 25c—3 pkts. for 65c, prepaid.

1942 — A Banner Year for Agriculture



THE HOME OF MASTER FARMER SEEDS

"Grow Food For Freedom"

Here is a challenge to farmers of America by Claude R. Wickard, Secretary of Agriculture: "Food is a whole arsenal of weapons in this struggle for human freedom. It is the driving force behind high production by munitions workers and top-notch performance and strong morale among soldiers and sailors.

Our national self-interests and our humanitarian instinct challenge us to do this job of producing food and do it on a scale that will bring victory.

In the day of victory when the nations sit down at the Peace Table, our food stock piles ready to be drawn on by the famished people of the Old World, will give great force to our views. They will show once and for all that democracy builds for the needs of common men.

By winning our American battle of farm production, we will help to make it possible once again for men in all parts of the earth to live in comfort, in tolerance and in freedom."

PHOTO-LETTER CONTEST PRIZE WINNERS

Here are the prize winners in our Photo-Letter Contest. All had wonderful gardens and many who did not happen to win deserve honorable mention for their fine reports and photos. Checks have been issued to the prize winners.

We are not conducting a Photo-Letter Contest in 1942. However, if you have any good photos of our products, we will pay \$1.00 cash for any pictures we can use.

First prize, \$15.00, Geo. L. Jetter, Pipestone, Minn.

Second prize, \$10.00, Mrs. Otto Fahning, Wells, Minn.

Third prize, \$5.00, Mrs. Math Greiner, Comfrey, Minn.

Fourth prize, \$1.00, Velma H. Rahmlow, Appleton, Minn.

Fifth prize, \$1.00, Mrs. B. G. Schmidt, Woodstock, Minn.

Sixth prize, \$1.00, Mrs. Paul Schuldt, Pipestone, Minn.

Seventh prize, \$1.00, Chas. D. Peterson, Carlton, Minn.

Eighth prize, \$1.00, Chas. Sievert, Gibbon, Minn.

HONORABLE MENTION

Wm. J. Harju, Paynesville, Mich.

A. B. Thomas, Webster, Wis.

Mrs. J. C. Zeman, Great Falls, Mont.

Mrs. Clara Kumerow, Lamberton, Minn.

Mrs. Geo. Refsland, Sacred Heart, Minn.

Mrs. Roy A. Forster, Stanley, Wis.

Agnes Mischer, Springfield, Ill.

AGRICULTURE faces the most important year in its history. American farmers must produce more and more "Food for Freedom." It's All Out production for VICTORY now.

Production goals set are the largest ever contemplated—higher industrial activities due to the Defense Production mean greater increased consumer demand. Britain wants our farm products to the tune of a billion dollars.

Reduced imports of competing products assure good prices. Agriculture, therefore, is in a most favored position.

WHAT PART WILL YOU PLAY?

It's a patriotic duty to plan carefully for maximum production of the crops our Government needs.

To help plan, this new Annual has been sent to you. It has assisted thousands of the best farmers in the U. S. A. during the past 54 years. It gives authentic information from Experiment Stations—and quotes lowest direct-to-you prices on "Master Farmer" Seeds—the best "Old Mother Earth" produces.

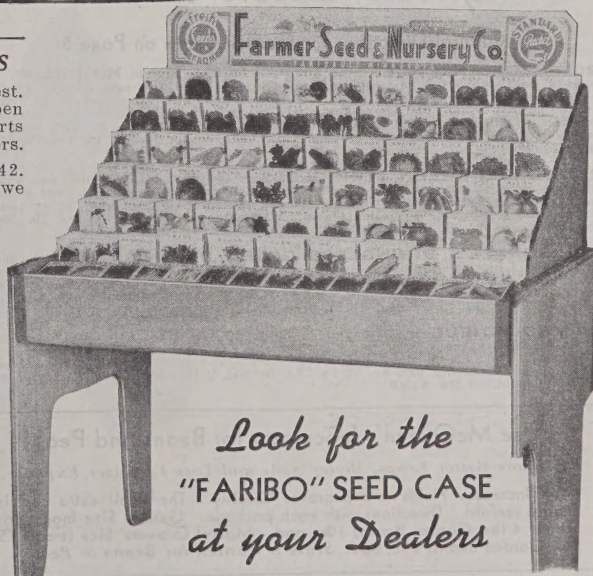
We hope to be of service to you during this historic year—but advise ordering early. Due to the exceptional demand and many crop shortages, some stocks may be sold out early.

Let us work harder than ever to keep "Old Glory" forever flying over the Land of the Free.

FARMER SEED & NURSERY CO.

E. Kienapp

President.



Look for the
"FARIBO" SEED CASE
at your Dealers

Northern Grown Vegetable Seeds



Our Trial Gardens at Faribault, where all varieties of Vegetables and Flowers are tested and compared.



Plant a

GARDEN for DEFENSE

**HEALTH
and
ECONOMY**

Green Bush Beans

Cultural Directions for Garden Beans on Page 5

20. MEDAL REFUGEE—A 1942 All-America Bronze Medal Winner. For quality, high yield and easy picking, this Bean is hard to beat. Silvery green in color, the pods are 4 inches long, round, smooth, stringless—straight to slightly curved. Ideal in size and shape for whole green beans. Plants are compact, erect, with small foliage—thrifty, hardy and resistant to common bean mosaic. Seeds are white with buff or brown eye. Mammoth pkt. 15c, ¼ lb. 35c, ½ lb. 60c, 1b. \$1.10, prepaid.

21. TENDERGREEN STRINGLESS—(54 days.) So tender and snappy it fairly melts in your mouth! Excellent for home garden or market. Pod: 6 inches long, round fleshy, dark green, stringless and of fine quality. A very heavy yielder. Seed: brown, blotched with light fawn. Mammoth pkt. 8c, ½ lb. 18c, 1b. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. \$1.80.

25. BURPEE'S STRINGLESS GREEN POD—(52 days.) Gardeners and canners like this stringless and fiberless bean for its excellent quality. It sells readily on the market, and for cut beans for canning, it can't be beat. Pod: 6 inches long, medium green, round. Seed: coffee brown. Mammoth pkt. 8c, ½ lb. 18c, 1b. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. \$1.80.

27. BOUNTIFUL—(49 days.) A bountiful yielder of delicious, extra early, green, stringless beans. For home garden and for early market, Bountiful is unsurpassed. Pod: 6¾ inches long, flat, stringless and of fine quality. Seed: yellow straw color. Mammoth pkt. 8c, ½ lb. 18c, 1b. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. \$1.80.

Use McQueen's Inoculator for Beans and Peas

It Means Better Crops, Better Soils and Less Fertilizer Expense.

It Increases Yields and Improves Quality. The small extra cost is repaid tenfold. Directions with each package. Garden Size Inoculator (treats 4 lbs. Garden Beans) 10c, ppd. Market Growers' Size (treats 15 lbs. Garden Beans) 25c, ppd. State if wanted for Beans or Peas.

Asparagus Seed & Roots Rust-Resistant

Leaflet on Asparagus Culture Free Upon Request

4. NEW PARADISE—Rust Resistant. Produces a normal crop one year earlier than other varieties and gives heavier production throughout its life. Large crisp, tender stalks of exceptionally fine, mild flavor. Only 6 to 8 stalks required to the pound. The seed should be planted very thinly in seed beds the first season. Pkt. 10c, oz. 30c, ¼ lb. \$1.00, 1b. \$3.50, prepaid.

Paradise Roots—Heavy one-year-old, 25 for 60c, 50 for \$1.00, 100 for \$1.75, prepaid to 3rd zone.—Not prepaid: 500 for \$4.75, 1,000 for \$9.00.

5. WASHINGTON—Rust-Resistant. The leading variety grown by market gardeners. Pkt. 8c, oz. 15c, ¼ lb. 35c, 1b. \$1.00, prepaid. For Washington Roots see page 27.

Edible Soy Beans

29. BANSEI—Ready for table use in 90 days. The earliest and best for the Northwest. Plants grow 18-24 inches tall and are resistant to disease and insect pests. Pods are 2½ inches long. Beans are bright green, turning to yellow at maturity. Pkt. 10c, ½ lb. 20c, 1b. 35c, 2 lbs. 65c, 5 lbs. \$1.30, prepaid.—Not prepaid, 10 lbs. \$2.00.

To Prepare Green Shell Soy Beans for the Table—To make shelling easier, cover the pods with boiling water, let stand for five minutes, then drain and shell. To one pint of hulled beans add one pint of boiling water and ¾ teaspoon salt, cover and cook for 10 minutes after boiling starts. Avoid overcooking. Drain and season with butter.

Write to University of Illinois, Urbana, Ill., for bulletin, "Ways of Using Soy Beans as Food."



Edible Soy Beans—showing plant and pods.

**Wax-
Podded
BUSH**

BEANS

**SNAPPY-
TENDER-
BUTTERY**

1 lb. plants 50 foot row.

CULTURE—Beans should be sown after May 15th, when the ground is thoroughly warm. Make successive sowings, 2 weeks apart, for a supply of beans all summer. Sow in drills 15 inches apart, 2 inches deep, dropping the beans 3 inches apart in the rows, eyes down and cover. Cultivate often. Do not walk through or pick beans when wet with dew or rain.

9. FARIBAULT BRITTLE WAX—(52 days.) The finest in Wax Beans. An abundant yield of tender, succulent, buttery-flavored beans. Ideal for home use and for canning. An excellent winter shell bean. Pods are 6 inches long, attractive lemon yellow color, and absolutely stringless. Seed is white, kidney-shaped with black eye. Mammoth pkt. 10c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.50, prepaid.—Not prepaid, 10 lbs. \$1.80.

Illustrated in Color on Front Cover

10. TOP NOTCH GOLDEN WAX—(50 days.) New bean resembling Improved Golden Wax, but superior in quality and yield. The pods run about 6 inches long, stringless, of rich yellow color, nearly flat and broad. The seed resembles Golden Wax but stringless. The maturity is a few days later. Mammoth pkt. 8c, 1/2 lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.40, prepaid.—Not prepaid, 10 lbs. \$1.60.

11. PROLIFIC BLACK WAX—or Butter Bean—(51 days.) A heavy producer over a long period. Rust-proof and of fine quality. Pod is 5 1/2 inches long, round fleshy, deep golden yellow color, and of appetizing flavor. Seeds are small, oval, solid black. Mammoth pkt. 8c, 1/2 lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.40, prepaid.—Not prepaid, 10 lbs. \$1.60.

12. BLACK PENCIL POD WAX—(52 days.) Vigorous, productive and of appetizing flavor. Pods are 6 1/2 inches long, round, fleshy, golden yellow, tender, absolutely stringless, brittle and of finest quality. Seeds are oblong, solid black. Mammoth pkt. 8c, 1/2 lb. 15c, lb. 27c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 10 lbs. \$1.50.

Be sure to Inoculate Beans with McQueen's Inoculator for Bigger Yields. See page 4.



Sure Crop Stringless Wax—Sturdy and productive with golden yellow pods of fine texture and quality.

15. SURE CROP STRINGLESS WAX—(53 days.) Particularly favored by truckers and shippers. Resistant to blight and rust, exceptionally hardy and vigorous even in dry sections. Bears heavily. Pods are 6 1/2 inches long, golden yellow, flat, brittle, strictly stringless, of fine texture and quality. Seeds are oval, jet black. Mammoth pkt. 8c, 1/2 lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.40, prepaid.—Not prepaid, 10 lbs. \$1.70.

16. UNRIVALLED ROUND POD WAX—(52 days.) Very popular among our market gardener trade. Pods are 5 1/2 inches long. Attractive deep yellow, thick, flat, brittle, stringless when young. Plant is dwarf, erect, stocky, very productive. Seeds are small, oval, glossy golden brown. Mammoth pkt. 8c, 1/2 lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.40, prepaid.—Not prepaid, 10 lbs. \$1.70.

19. EARLY WONDER WAX—(40 days.) Extremely early and resistant to rust, a very heavy yielder. Pods are 6 1/2 inches long, clear waxy yellow, plump, tender, brittle, of fine texture and very meaty. Plant is large, strong, productive. Seeds are yellow. Mammoth pkt. 8c, 1/2 lb. 15c, lb. 27c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 10 lbs. \$1.50.

Delicious Limas

CULTURE—Plant in rows 3 feet apart in rich soil, 6 to 10 inches apart in the row, always setting the seed with the eye down. Plant about 3 inches deep. One pound will plant 50 ft. of row.

49. NEW BABY POTATO BUSH LIMA—An All-America Winner. (72 days.) A small thick seeded butter bean with Fordhook flavor and a dependable producer of good sized pods in most all sections. Sturdy plants, 12 to 16 inches high, are early and prolific. Seeds attractive bright green at eating stage, creamy white when dry. Mammoth pkt. 8c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.15, prepaid.

50. FORDHOOK BUSH LIMA—(75 days.) Most popular large seeded Dwarf Lima. Big, plump, buttery beans of delicious flavor. Pods are 4 1/2 inches long, 1 inch wide; contain 3 to 4 seeds. Green shell beans: large thick oval, of excellent quality. Seeds are white with tinge of green. Mammoth pkt. 10c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.50, prepaid.

51. BURPEE'S IMPROVED BUSH LIMA—(75 days.) Of excellent quality and luscious flavor. Pods are 4 inches long, 1 1/4 inches wide; contain 4 to 5 seeds. A heavy yielder. Seeds are large, plump, flat, wrinkled; white with greenish tinge. Mammoth pkt. 8c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.15, prepaid.

52. HENDERSON BUSH LIMA—(68 days.) Produces small, flat, green shell beans of excellent quality. Very early and fine for canning. Pods are 3 1/2 inches long with 3 to 4 seeds. Plant is small bushy. Seeds and dry beans, creamy white. Mammoth pkt. 8c, 1/2 lb. 15c, lb. 27c, 2 lbs. 50c, 5 lbs. \$1.10, prepaid.



49.
New Lima
Baby Potato
Pkt. 8c



This is Decatur Pole Bean,
1942 Silver Medal Winner.

All Season Bean Collection

One Tendersgreen Stringless
Each Sure Crop Wax 27c
Baby Potato Lima
Kentucky Wonder Pole ppd.

Pole Beans

One pound plants 200 hills. Plant hills 3 feet apart each way sowing 4 to 6 beans to a hill. Stake with poles 7 feet high.

58. DECATUR—The 1942 Silver Medal Winner. Early, stringless in all stages, resistant to rust and bean mosaic, this new Pole Bean is the heaviest bearer of them all. The dark green pods are 6 to 8 inches long, round, nearly straight, meaty and of fine quality. Seeds are ivory-white and small. Hardy and vigorous, the plants are uniform in growth and pod type and reach a height of 6 to 7 feet. Mammoth pkt. 15c, 1/2 lb. 35c, 1/2 lb. 60c, lb. \$1.10, prepaid.

60. KENTUCKY WONDER—(65 days.) (Old Homestead.) The most popular pole bean grown. A splendid canner. Will bear heavily all summer if kept picked. Pods are 8 inches long, silvery green, practically round, of good quality and very brittle. Seeds are buff brown. Mammoth pkt. 8c, 1/2 lb. 15c, lb. 27c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 10 lbs. \$1.50.

Beans for Baking

30. RED KIDNEY OR CHILI BEAN—(95 days.) Everyone likes the delicious, tangy flavor of hot Mexican Chili Con Carne! Anyone can grow these delicious red Chili Beans. They are of excellent quality for dry bean use. Pods: 6 inches long, flat, waxy green. Seeds: reddish brown. Mammoth pkt. 8c, 1/2 lb. 15c, lb. 27c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 10 lbs. \$1.50.

40. GREAT NORTHERN—Better for baking and cooking than any navy bean, as it cooks in two-thirds of the time, and is of much better flavor. Beans are larger than common navy beans. Mammoth pkt. 8c, 1/2 lb. 12c, 1 lb. 21c, 2 lbs. 38c, 5 lbs. 85c, prepaid.—Not prepaid, 10 lbs. \$1.10.

41. ROBUST NAVY—Plants are of decidedly robust growth. Beans are clear white. Mammoth pkt. 8c, 1/2 lb. 12c, 1 lb. 21c, 2 lbs. 38c, 5 lbs. 85c, prepaid.—Not prepaid, 10 lbs. \$1.00.

If your garden is small, save space by planting Pole Beans. Decatur is the Pole Bean that won the 1942 Silver Medal. We know you will like it.

Tender Young Table Beets

Sow 1 oz. to 80 ft. of row—6 lbs. per acre.

CULTURE—Sow in drills one foot apart and one inch deep, as early as the ground can be worked; continue for a succession as late as the middle of July; when the plants are large enough, thin out to stand six inches apart.

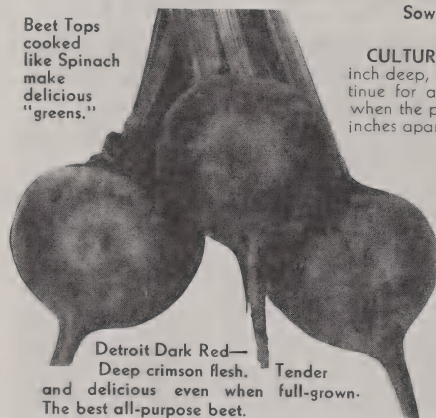
83. EXTRA EARLY WINESAP—(54 days.) The first beet on the family dinner table. Winesap combines excellent quality, flavor and tenderness with its exceptional earliness. Roots are semi-globular, deep rich crimson with small taproot. Flesh is fine grained, sweet and tender. Tops are medium small. Pkt. 10c, oz. 20c, ¼ lb. 65c, lb. \$2.25, prepaid. Illustrated in color on front cover.

84. EARLY WONDER—(54 days.) First on the early market. A splendid shipping variety. Similar in quality to Winesap. Roots are blood red with small taproot. Flesh is blood red with lighter zones, tender and of good quality. Tops are medium small. Pkt. 8c, oz. 20c, ¼ lb. 55c, lb. \$2.00, prepaid.

86. CROSBY'S EARLY EGYPTIAN—(60 days.) A standard early variety, very popular with market gardeners, as the tops bunch red, flat-globe or turnip-shaped roots. Small taproot. Tops large and tall; flesh purplish red with indistinct lighter zones. Pkt. 8c, oz. 20c, ¼ lb. 55c, lb. \$2.00, prepaid.

89. EARLY BLOOD TURNIP—(68 days.) One of the best for home use or for market gardeners. Tops medium small, but fairly coarse. Roots turnip-shaped; dark red. Flesh bright red with zones of lighter shade. Pkt. 8c, oz. 20c, ¼ lb. 55c, lb. \$2.00, prepaid.

Beet Tops cooked like Spinach make delicious "greens."



Detroit Dark Red—Deep crimson flesh. Tender and delicious even when full-grown. The best all-purpose beet.

85. DETROIT DARK RED—(62 days.) The outstanding late variety for truckers, produce shippers, canners and home gardeners. A most popular, real quality beet. Roots are globular, smooth, uniform, attractive, with small taproot. Flesh is deep oxblood red, with indistinct zones. Splendid quality, sweet and tender, without any trace of woodiness. Pkt. 10c, oz. 20c, ¼ lb. 65c, lb. \$2.25, prepaid.



"Grow Your Own Food" urges Uncle Sam

Grow These Table Delicacies

70. BRUSSELS SPROUTS—A delicious vegetable for fall and early winter use. The plant stalks are covered with small cabbage-like sprouts, tender and succulent. The flavor is improved by a touch of frost. Requires the same method of culture as late cabbage. Pkt. 8c, oz. 25c, ¼ lb. \$1.00, prepaid.

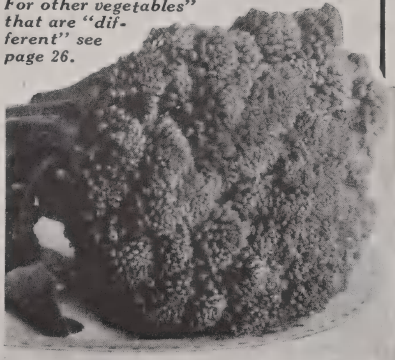
80. ITALIAN GREEN SPROUTING BROCCOLI—Famed for its tender, delicious flavor and healthful qualities. Cultivated like cabbage, it bears a succession of sprouting heads which if kept cut will be replaced by others for 8-10 weeks. Each sprout, about 5 inches long, ends in a small head of deep green buds. Should not be cooked longer than 15-20 minutes or the delicate flavor will be destroyed. Pkt. 8c, ½ oz. 25c, oz. 40c, prepaid.

For other vegetables that are "different" see page 26.

Grow Brussels Sprouts for your Thanksgiving dinner this year. When cooked they are tender and delicious with a mild savory flavor. As easy to grow as Cabbage!

BROCCOLI →

A delicious vegetable superior in flavor to Cauliflower. Once you've tried it, you'll want it again.



Eat leafy greens for health—Swiss Chard is rich in vitamins.

Swiss Chard or Spinach Beet

98. LUCULLUS—A variety of beet grown for its leaves, which are fleshy and attractively crumpled and make very choice greens. The succulent stalks and midribs may be prepared in the same way as asparagus. If only the outer leaves are gathered, the inner leaves will continue to grow and repeated pickings may be made from July to heavy frost. Pkt. 8c, oz. 20c, ¼ lb. 55c, lb. \$2.00, prepaid.

For Mustard Greens see page 16
For Spinach see page 22



Sow 1 oz. to 100 ft. of drill 5 lbs. per acre.

Giant Sludstrup A heavy yielder.

Mangels are of high feeding value for all livestock. They keep hens healthy and stimulate egg production. Feed at the rate of 25 pounds to 100 hens per day, with grain.

CULTURE—Sow at corn planting time—in drills 2 to 2½ feet apart, on rich moist land, the seed should be planted an inch deep; on dry and sandy soil it must be planted 1¼ to 1½ inches deep. Thin out to stand 8 inches apart in row.

105. MINNESOTA GOLDEN TANKARD—High in sugar content, a heavy cropper and easily harvested. Roots large, nearly cylindrical, partly above ground; skin orange. Flesh yellow. Oz. 12c, ¼ lb. 40c, lb. \$1.40, prepaid. Not prepaid, 5 lbs. at \$1.30 per lb.

106. MAMMOTH LONG RED—Yields from 20 to 30 tons per acre. Roots extremely large, tapering, grow half above ground; skin light red. Flesh is white with rose tinge. Oz. 12c, ¼ lb. 40c, lb. \$1.40, prepaid. Not prepaid, 5 lbs. at \$1.30 per lb.

108. GIANT SLUDSTRUP—A very high yielder. Roots are long, oval, orange colored. Flesh is white with yellow tinge. Oz. 10c, ¼ lb. 35c, lb. \$1.30, prepaid. Not prepaid, 5 lbs. at \$1.20 per lb.

115. SUGAR BEET. KLEIN WANZLEBEN—The most popular variety for sugar manufacture on account of high sugar content; also good for stock feed. Roots are long, with white skin and flesh. Oz. 10c, ¼ lb. 35c, lb. \$1.30, prepaid. Not prepaid, 5 lbs. at \$1.20 per lb.

Carrots are Rich in Food Value



171. **DANVER'S HALF LONG.**
A heavy yielder and fine keeper.

One ounce of seed will sow 100 feet of row, three to four pounds per acre.

CULTURE—Carrots will grow in any soil, but sandy deep loam is best. Sow as early as the ground can be worked, in rows 15 to 18 inches apart, covering about one-half inch. Plants should be thinned to two, three, or even four inches apart in the row.

Note—As freshly manured soil often causes divided roots, it is better to plant in soil that has been richly fertilized the previous season.

170. F. S. & N. CO'S SUPERIOR MARKET—(76 days.) The finest shipping carrot in cultivation. Its attractive bunching appearance makes Superior Market sell on sight. Roots: 8 inches long, 2 inches thick at top; with sloping shoulder, tapered to a semi-blunt end, very uniform. **Flesh:** rich orange color, fine grained, scarcely noticeable core, tender, and of delicious flavor. Pkt. 10c, oz. 40c, ¼ lb. \$1.15, lb. \$4.00, prepaid.

171. DANVER'S HALF LONG—(75 days.) A most popular and reliable carrot for home and market gardening. Easily harvested, a good keeper and an excellent shipper. Roots: 7 inches long, tapered to a blunt end. **Flesh:** bright orange, tender and of a good quality. Pkt. 10c, oz. 35c, ¼ lb. \$1.00, lb. \$3.75, prepaid.

172. NANTES CORELESS HALF LONG—(69 days.) Customers who do not like ordinary carrots are delighted with these. They have a distinct flavor and tenderness all their own, and when half grown they are a rare delicacy on any table. Roots: 6 inches long, bright orange, cylindrical, blunt ended. **Flesh:** reddish-orange, crisp, tender, of very delicate flavor, practically coreless. Pkt. 10c, oz. 40c, ¼ lb. \$1.15, lb. \$4.00, prepaid.

176. NEW STREAMLINER—(78 days.) A modern bunching carrot of such handsome proportions it has become a leading profit maker "overnight" for shippers and market growers. Tops short, dark green, with strong stems. Roots: 10 inches long, slender, nearly cylindrical, grow completely underground. Color very deep orange with small, red core. Pkt. 15c, oz. 40c, ¼ lb. \$1.15, lb. \$4.00, prepaid.

See Color Illustration on Front Cover

177. RED CORE CHANTENAY—(72 days.) A desirable carrot of good color, valuable for canning and also for market growers. Roots deep reddish-orange, 5½ to 6 inches long, 2½ inches thick at shoulder, tapered. Core reddish-orange, very inconspicuous. **Flesh:** fine-grained and tender with a sweet, delicate flavor. Pkt. 10c, oz. 40c, ¼ lb. \$1.10, lb. \$3.85, prepaid.



172. **NANTES CORELESS**—PKT. 10c



175. **CHANTENAY**—PKT. 10c

Order Early!
There is a severe shortage of Carrot Seed.



176. **NEW STREAMLINER**—PKT. 15c



170. **SUPERIOR MARKET**—PKT. 10c

Carrots
for Stock Feeding
Easily Grown. Heavy Yields.

\$2.50 POUND
Prepaid

Sow seed in drills 3 feet apart, using about 4 pounds per acre. Large yield from small pieces of ground. Tonnage per acre enormous.

185. YELLOW BELGIAN—(95 days.) A heavy cropper, easily harvested. Best results in deep soil. Sow 4 pounds to the acre. Roots: 10 to 14 inches long, 3 to 4 inches thick at top; skin: green above ground, pale yellow below. Pkt. 8c, oz. 20c, ¼ lb. 65c, lb. \$2.50, prepaid.

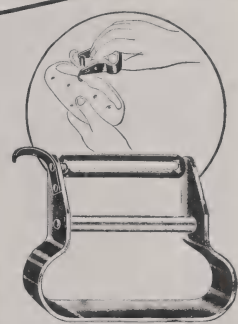
173. IMPERATOR—(77 days.) A truly outstanding type for market and shipping. Tops medium, but strong enough for good bunching. Roots: 8 inches long, 2-inch sloping shoulder; uniformly tapered to semi-blunt end. **Flesh:** rich orange color, extending to center, with indistinct core; fine grained and tender. Pkt. 15c, oz. 40c, ¼ lb. \$1.15, lb. \$4.00, prepaid.

174. OXHEART OR GUERANDE—(72 days.) Desirable for home use, prolific and a good keeper. When fully mature used for stock feeding. Excellent table quality when young. Roots: 4 to 5 inches long, 2½-inch shoulder; bright orange, thick, blunt-ended, heart shaped. Pkt. 10c, oz. 35c, ¼ lb. \$1.00, lb. \$3.75, prepaid.

175. CHANTENAY OR MODEL—(71 days.) An excellent all-purpose, medium-early variety, desirable for home and market garden, and for canning diced carrots. Roots: 6 inches long, deep orange, smooth tapered, stump rooted. **Flesh:** deep orange with indistinct core. Pkt. 10c, oz. 35c, ¼ lb. \$1.00, lb. \$3.75, prepaid.

Grow the new All-America selections for 1942, such as Decator Pole Bean, Medial Refugee Bush Bean and Cosberg Lettuce.

ONLY
25c
Prepaid
Same
Tool
in
Stainless
Rustless
Duralumin
35c



KITCHEN WONDER TOOL
PEELS—SLICES—SHREDS

America's cleverest, most practical gadget actually makes peeling a joy. Takes out the work as it takes off a thin peel from fruits or vegetables. Peels quicker than a knife. Peels potatoes, and removes the eyes and decayed spots quickly. A scientific tool with tempered steel blade. Saves your fingers from stain, saves you from hard work in peeling Potatoes, Carrots, Cukes, Apples, etc. It strings Beans and Celery, shreds Cabbage, Chocolate or Soap.

You Can Enjoy Delicious Young Carrots All Summer by Planting a Short Row Every Two Weeks until August 15th.

Golden Acre,
an attractive variety
for early markets.

Fine Cabbage Seed from Pure Bred Strains

One ounce will produce about 2,500 plants. $\frac{1}{4}$ oz. of seed for 50-foot row.

Culture—The best way to start cabbage, especially the early sorts, is in hotbeds, flats, or in a greenhouse. Sow the seed $\frac{3}{4}$ inch deep, in carefully prepared rich garden soil. Seed usually germinates in 5 to 10 days. When ready to transplant, set into paper pots or plant bands, in flats, until time to set outdoors. The plants can then be set out without disturbing the roots, and the paper bands form the best protection against cutworms. Set in rows 2 feet apart, 20 inches apart in the rows. Late cabbage may be sown in the open, in rows, and transplanted when 4 to 6 inches high.

There is a Serious Shortage of Cabbage Seed!

Due to war conditions no European seed has reached us. Stocks on hand are very limited, so place your order early. Other short vegetable seed crops are carrots, cauliflower, beets, onions, mangels.

Early Cabbage

121. EARLY JERSEY WAKEFIELD—(62 days.) Extra early small plants with short stems—permitting close setting in the row, and hard, compact pointed heads of splendid quality. A valuable addition to home or market garden. Head: 5 inches thick, weighs 2 to 2½ lbs., small, compact, conical, 7 inches long. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.75, prepaid.

126. GLORY OF ENKHUIZEN—(75 to 80 days.) A second early sort particularly valuable for kraut. A good shipper. Head: 8 inches thick, weighs 5 to 8 lbs., large, round, solid, with few outer leaves, of excellent quality. Stem: medium short. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.75, prepaid.

133. EARLY DWARF FLAT DUTCH—(71 days.) A fine medium early sort and a dependable header for market or home garden. It will withstand heat, is noted for flavor and tenderness, and is a fine keeper. Head: 8 inches thick, weighs 4 to 5 lbs., nearly round, solid and of good quality. Stem: short. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 70c, lb. \$2.50, prepaid.

136. EARLY COPENHAGEN MARKET—(63 days.) Very early and of uniform maturity, compact plants, and of excellent quality. Splendid for early market and shipment. Valuable as an early kraut variety and a good home garden sort. Head: 6-7 inches thick, weighs 3½ to 4 lbs., round, solid and of superior quality. Stem: short. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.75, prepaid.

138. EXTRA EARLY GOLDEN ACRE—(63 days.) This is the earliest round headed cabbage. A Copenhagen type, but a week earlier than Copenhagen Market. Of high quality. Golden Acre is the most profitable sort on the early market. Head: 6 inches thick, weighs 3 lbs., small, round and solid. Stem: short. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.75, prepaid.

140. DANISH BALLHEAD (TRUE HOLLANDER)—(105 days.) The finest late cabbage grown. The head is of an attractive white color, does not burst, and of exceptional flavor, crispness and tenderness. It survives both cold and dry-hot weather. Keeps throughout the winter. For shipping, storage or kraut—it is unsurpassed. Head: 8 inches thick, weighs 6 to 7 lbs., round and extremely solid. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 90c, lb. \$3.25, prepaid.

141. DANISH ROUNDHEAD—(95 days.) An early, short-stemmed strain of Danish Ballhead. In yield, head size and quality it is similar to Danish Ballhead, however, it is 10 days earlier and has a shorter stem. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 90c, lb. \$3.25, prepaid.

For high quality
kraut use Danish
Ballhead. It is white,
fine-textured, crisp
and tender and has
an exceptionally good
flavor.



Treat Cabbage Seed
with SEMESAN for Bigger and
Better Crops. See details on page 12.

142. PENN STATE BALLHEAD—(110 days.) Developed by Penn State College of Agriculture. This late cabbage is the heaviest yielding and the most uniform of all. Especially desirable for winter storage and for kraut. Heads: Large, attractive, flattened globe-shape. Extremely hard. Weighing 15-20 lbs. each. Shows resistance to blackleg. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 90c, lb. \$3.25, prepaid.

144. PREMIUM LATE FLAT DUTCH—(100 days.) Slow growing, sure heading, of immense size and splendid quality. A favorite for market growing or for winter storing. Head: 10 to 12 inches thick, 7 inches deep, weighs 12 to 14 lbs.; extremely large, flat and solid. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 70c, lb. \$2.50, prepaid.

Yellows Resistant Sorts

134. HOLLANDER, WISCONSIN NO. 8—(100 days.) A splendid late cabbage for storage, shipment and kraut manufacture. A heavy yielder on land infested so badly with yellows disease that other varieties fail completely. Head: 8 inches thick, weighs 8 lbs., large, almost globe shaped, very firm. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50, prepaid.

135. MARION MARKET—(75 days.) Also known as Wisconsin Copenhagen as it is the Yellows Resistant strain of Copenhagen Market which matures early and uniformly. The round solid head averages 7 inches thick, weighs 4 pounds, has short stem. Good for early kraut. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50, prepaid.

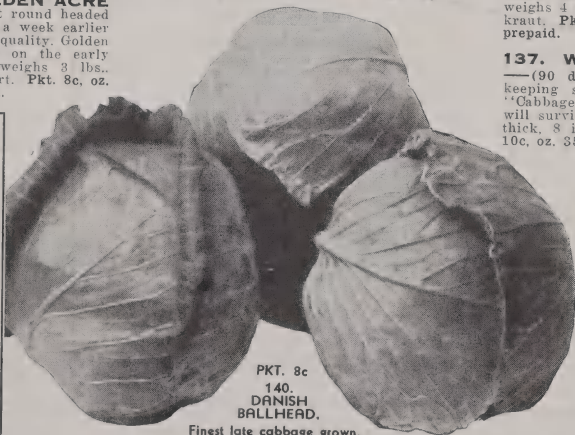
137. WISCONSIN "ALL SEASONS"—(90 days.) An excellent kraut and winter keeping sort—valuable in areas infested with "Cabbage Yellows"—also resistant to wilt and will survive heat and drought. Head: 11 inches thick, 8 inches deep, weighs 9 to 10 lbs. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50, prepaid.

Red Cabbage

For Relishes and Salads

152. MAMMOTH RED ROCK—(98 days.) The largest and best of the red cabbages. Of superior quality and an excellent keeper. Head: 7 inches thick, weighs 7 to 8 lbs., round, extremely hard, color purplish red. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 90c, lb. \$3.25, prepaid.

HOTKAPS protect young cabbage plants from frost, wind and hail. Growth is forced and yield increased 10 to 25 per cent. Crops mature 2 to 3 weeks earlier and bring premium prices. See page 28.



PKT. 8c
140.
DANISH
BALLHEAD.
Finest late cabbage grown.

Free

Home Canning Book With Your Order

This new Home Canning Book contains the latest methods of canning, full instructions and more than 300 tested recipes. Free with a \$1.00 order for garden or flower seeds — or a \$2.00 order for farm seeds. Ask for it.

Chinese or Celery Cabbage

A fine vegetable when cooked like cabbage but especially delicious used as a salad.

157. NEW CHIHILI—Early growing and sure heading, resembling Cos Lettuce, producing large, solid white heads, long and pointed at the top. Leaves are broad, compact, tightly folded and beautifully white and very crisp. Sow after July 1st to avoid flowering. Pkt. 8c, oz. 20c, ¼ lb. 50c, lb. \$1.75, prepaid.

158. WONG BOK—Delicious as a salad vegetable. Heads are thick, oblong, with tightly folded, crisp, white leaves, as tender as those of head lettuce. The flavor is that of very solid cabbage, blended with celery. Do not sow until July to avoid flowering. It makes a delicious salad, sliced and served with French dressing. Boiled like cabbage, Celery Cabbage is especially fine. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.65, prepaid.

159. CHINESE CELERY CABBAGE FOR POULTRY

—A new cheap, green feed of great value for poultry, more productive than lettuce, spinach or mangels. Sow the seed in rows ½ inch deep and 24 inches apart, using 3 lbs. seed per acre. An ounce of seed will provide green feed for 100 hens for 4 months. Commence feeding Chinese Cabbage when plants are 4 inches high, pulling out every other plant. Plants form heads of 5 to 7 lbs. in 2 months, which can be stored until wanted. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.65, prepaid.

← New Chihili—
Early and Sure-heading.

For Cauliflower, Celery, Cabbage, Tomato and other Vegetable Plants—see page 27.

Protect Young Plants from Frost, Wind, Rain and Insects. Use HOT-KAPS—See Page 28.

Celeriac

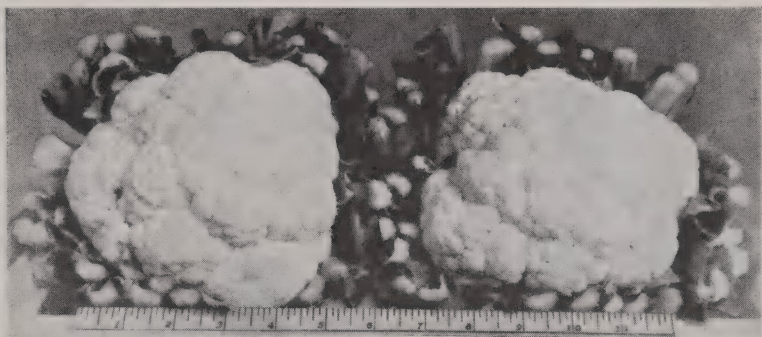
Turnip Rooted Celery

This vegetable should be more generally grown. The roots are used in salads or boiled like parsnips, or turnips, and have a celery flavor. They keep well all winter. Celeriac may be cooked and served with cream sauce, or used as a salad.

199. LARGE ERFURT—Roots large, smooth, turnip-shaped, excellent flavor. Pkt. 10c, oz. 20c, ¼ lb. 70c, prepaid.

CARCO SPRAY rids your garden of ROOT MAGGOTS

For control of Root Maggots which attack your CABBAGE, CAULIFLOWER, ONIONS, BEETS, RADISHES and TURNIPS, use CARCO SPRAY, early in spring, to prevent deposit of maggot eggs. NOT A POISON. Order early and use it in time! One-half pint makes six gallons of spray. Easy to use—complete directions. ½ pint 55c, pint 85c, quart \$1.40, postpaid. See page 76 for spray gun.



Cauliflower—Firm and White

One ounce of seed will produce 3,000 plants.

CULTURE—The same methods that produce good cabbage will grow good cauliflower. The only great difference is that cauliflower heads must be protected from sunlight so as to make sure of the desirable white curd. Gather the tops of the leaves together loosely as soon as the heads begin to form. In shutting off the light, it is important not to cramp the heads.

160. EARLY SNOWBALL—(55 days.) Most widely used early variety. Plants are dwarf with short, pale green leaves. A dependable header. Although extra early, it can be planted for late fall and winter use. There is none to equal it in value for forcing under glass for a winter crop. Head: 6 to 7 inches thick, of medium size, firm, compact, solid, pure white, and of finest quality. Pkt. 20c, ¼ oz. 80c, ½ oz. \$1.60, oz. \$2.75, prepaid.

162. EARLY PARIS—(60 days.) A popular early variety, of dwarf, compact growth with solid heads, well protected by outer leaves. A sure cropper even if conditions are not too favorable. Pkt. 10c, ¼ oz. 65c, ½ oz. \$1.15, oz. \$2.10, prepaid.

165. DRY WEATHER OR DANISH GIANT—(67 days.) A variety well adapted to dry weather conditions. It is later than Early Snowball and of larger growth. Heavy foliage fully protects the heads, which are less liable to blight in hot weather. Dry Weather requires less moisture than other sorts, yet quality is superb. Head: 6 to 8 inches thick, weighs 2 lbs., hard, creamy white and of delicious flavor. Pkt. 20c, ¼ oz. 80c, ½ oz. \$1.50, oz. \$2.75, prepaid.

166. SUPER SNOWBALL CAULIFLOWER—(52 days.) An extra early strain of the famous Snowball with particularly attractive pure white solid heads. Excellent for forcing or general field culture. Heads: 6 to 7 inches thick. Pkt. 25c, ¼ oz. 90c, ½ oz. \$1.65, oz. \$3.00, postpaid.

Celery—Crisp and Appetizing

One ounce of seed will produce 3,000 plants.

CULTURE—Sow the seed in flats, during February or March. Celery seed germinates slowly and the surface of the soil must be kept constantly moist. Cover the seed very lightly, with fine sand rather than with soil, to prevent a hard surface. When plants are 2 or 3 inches high, transplant them to other flats. In May, set them out in rows 3 feet apart, 6 inches apart in the rows.

195. SELECT GOLDEN SELF BLANCHING—(118 days.) Best for early table use, and most popular for market. Bleaches as well as any yellow variety. The plants grow to medium size, and are stocky and compact. The heart is rich golden yellow, with light yellowish green outer stalks and leaves. Stalks are broad and heavy, but remarkably crisp and tender, entirely free from stringiness and of fine flavor. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, prepaid.

An Improved Green Pascal Celery

196. NEW UTAH GOLDEN CRISP—A very desirable green type. The stalks are medium broad, rounded, thick and solid. The plant is stocky, full hearted and compact and blanches readily. Quality and flavor are exceptionally good. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.25, prepaid.

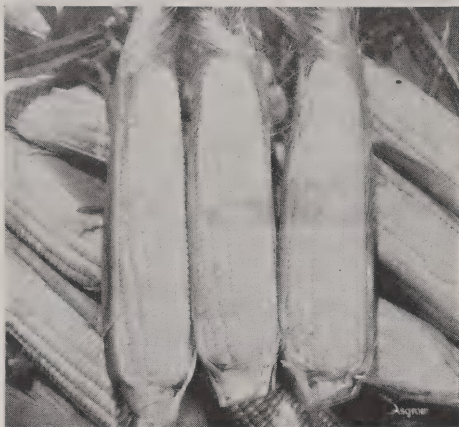
198. MICHIGAN GOLDEN—(Yellows Resistant Strain.) A new strain of self-blanching Celery highly resistant to yellows or root rot. It is intermediate in type between Tall Golden and Golden Plume. It has shown unusual resistance to yellows on infested soils. Recommended by Michigan State College. Pkt. 15c, ½ oz. 75c, oz. \$1.35, ¼ lb. \$5.00, prepaid.



198. Michigan Golden Celery.

Be sure to try the New Decatur Pole Bean—it is the All-America Silver Medal Winner for 1942.

Grow The New Hybrid Sweet Corns This Year



Iowa, a leading Hybrid highly resistant to drought and wilt.

Hybrid Sweet Corns

246. IOWANA—All-America Winner. A midseason 12 to 14-rowed light yellow hybrid sweet corn developed at the Iowa State College. Similar to Bantam Evergreen. Vigorous, resistant to lodging and wilt, and withstands heat and drought. The uniform cylindrical ears are 8 inches long with deep kernels of finest flavor. Valuable for home garden and canning. Prices below.

MINHYBRID 203—Eight days earlier than normal Golden Bantam. Absolutely no other corn so sweet and tender. A real gold mine for the market grower who specializes in quality. Ears: 6 to 6½ inches long, 8-rowed, yellow, maturing evenly. Plant: somewhat shorter and yield is better than that of normal Bantam. Prices below.

MINHYBRID 202—Five days earlier than normal Bantam but still surpassing it in both quality and yield. Produces 15,000 marketable ears per acre! Fancy quality, extra tender, with high sugar content. Ears: 6 to 8 inches long, 8-rowed, with a few ears 10-rowed; kernels medium, large, yellow. All ears mature uniformly. Prices below.

See Color Illustration on Inside Back Cover

247. MARCROSS C6.13—(72 days.) One of the earliest hybrids. Developed by the Connecticut Experiment Station as a first early market and home-garden variety. Stalks are only 5 feet tall, but sturdy; highly resistant to Stewart's disease. Ears: 7 inches long, plump, abruptly tapered at tips; 10 to 14-rowed, with light cream-yellow, medium broad kernels of good quality. Prices below.

244. GOLDEN CROSS BANTAM—(84 days.) An extra heavy yielding Golden Bantam hybrid favored by the leading canning factories. Famous for its large ears, uniformly filled with tender golden kernels of high sugar content. Well adapted to market growing. Stalk 6 ft. high, ears 8 inches long, 10 to 14 rowed. Prices below.

Summer-Long Hybrid Blend

No. 222

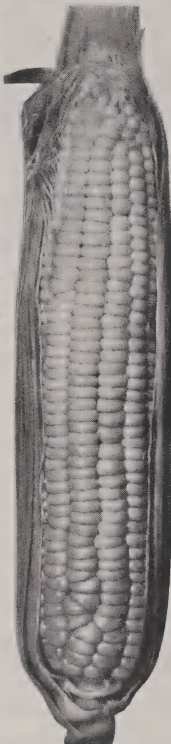
Hybrid Sweet Corn is without a doubt the finest in eating quality. However, it has one drawback for the home garden, as it matures very evenly—making a short picking season. To overcome this we offer a special mixture of the hybrids described above. Plant a patch to this superb mixture all at one time, it will supply you with sugary sweet corn maturing continuously in 65 to 90 days. Prices below.

PRICE OF ALL HYBRID SWEET CORN

Your choice of any Hybrid variety listed above. Pkt. 10c, ½ lb. 25c, lb. 45c, 2 lbs. 80c, 5 lbs. \$1.70, prepaid.—Not prepaid, 15 lbs. and over at 28c per lb.

One pound will plant 200 hills—12 to 15 pounds per acre.

CULTURE—A rich warm soil will give the best results. Work soil thoroughly before planting. Plant in hills 3 to 3½ feet apart each way, or sow in rows 3½ feet apart, placing the seed about 8 inches apart in the rows. Plant as soon as danger of frost is past; for succession, plant every two weeks until July. Give frequent and thorough but shallow cultivation.



The golden yellow kernels of Early Sunshine are sweet and tender.

Standard Early Strains

Open Pollinated Sweet Corn

223. EARLY SUNSHINE—(66 days.) Another noteworthy development of the North Dakota Experiment Station. An early yellow variety, with a larger ear, and about 5 days ahead of Golden Bantam. Highly prized by market growers and excellent for home garden. Flavor, tenderness and quality are superb. Ear: 7 inches long; kernels golden yellow, sweet, tender and of good flavor. Pkt. 8c, ½ lb. 20c, lb. 30c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 15 lbs. at 18c per lb.

226. GOLDEN BANTAM—(70 days.) To most home gardeners, sweet corn means Golden Bantam. Also desirable for trucking and canning. It is medium early, dependable and of wonderful quality. Ear: 6½ inches long, 8-rowed. Kernels broad with tender hull, sweet and of exceptionally fine flavor. Stalk: 5 to 5½ feet high. Pkt. 8c, ½ lb. 20c, lb. 30c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 15 lbs. at 18c per lb.

227. GOLDEN EARLY MARKET—(67 days.) Also known as Golden Hummer. One of the finest extra early yellow varieties for market. Ears have strong husks, 8 to 12-rowed and 6½ inches long. Kernels are golden yellow, tender, sweet and of good flavor. Stalk: 5 feet. Very heavy yielding for such an early sort. Fine for home gardens also. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.30, prepaid.—Not prepaid, 15 lbs. at 19c per lb.

228. EXTRA EARLY GOLDEN GEM—(60 days.) Originated by the North Dakota Agricultural College. Now the long-looked-for time when luscious corn on the cob may be enjoyed has been advanced 10 to 12 days, for Golden Gem is ready that much earlier than its grandparent, Golden Bantam. It is proving a gold mine to market gardeners in reaching the earliest market. Ear: 6 inches long, 8-rowed; kernels deep yellow, tender, exceptionally sweet and of good flavor. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.30, prepaid.—Not prepaid, 15 lbs. at 19c per lb.

245. EARLY GOLDEN SWEET—(67 days.) To develop an extra early variety with the quality of Bantam, has taken many years. Early Golden Sweet proved to be the best of many tested. Ear: 6½ inches long, 12-rowed. It gives you Bantam quality—almost two weeks earlier. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.30, prepaid.—Not prepaid, 15 lbs. at 19c per lb.

Sweet Corn All Summer

No. 200

Standard Sorts

Here's a collection that can be planted at one time and will supply your table all summer:

Early Golden Gem.
Extra early.

Golden Bantam.
Medium early.

Stowell's Evergreen.
Late, white.

1 packet each (3 pkts.) 20c

½ lb. each (1½ lbs.) 50c

1 lb. each (3 lbs.) 85c

ppd.



Minihybrid 202 is extra-tender and high in sugar content.

Lengthen Your Sweet Corn Picking Season— By Planting The Late Varieties

234. OREGON EVERGREEN— (87 days.) A medium late variety which has long been a favorite on the Pacific coast. It has recently been found to produce successfully in the Middle West. We ask canners, home and market gardeners to try this corn. Ear: $7\frac{1}{2}$ to 9 inches long, 14 to 18-rowed, medium thick; kernels clear white, medium length, sweet and of good flavor. Stalks: 7 to $7\frac{1}{2}$ feet. Pkt. 8c, $\frac{1}{2}$ lb. 15c, lb. 25c, 2 lbs. 45c, 5 lbs. \$1.00, prepaid.—Not prepaid, 15 lbs. at 15c per lb.

235. GOLDEN COUNTRY GENTLEMAN— (93 days.) Delicious golden yellow, sugar sweet corn, in prime eating stage, when there is nothing but white corn on the market. A cross between Country Gentleman and Golden Bantam with the late maturity, nectar sweetness, and juicy tenderness of Country Gentleman, plus the deep golden yellow color and delicious flavor of Golden Bantam. The "shoe-peg" kernels are set in zig-zag pattern. Pkt. 8c, $\frac{1}{2}$ lb. 18c, lb. 30c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 15 lbs. at 18c per lb.

242. STOWELL'S EVERGREEN— (90 days.) The most popular late variety of sweet corn. Highly desirable for home or market gardening or for canning. Holds its prime condition at eating stage a long time. Ear: 9 inches long, 16 to 20-rowed; kernels clear white, deep medium width, sweet and tender. Stalk: 8 to 10 feet high, sturdy and erect. Pkt. 8c, $\frac{1}{2}$ lb. 15c, lb. 25c, 2 lbs. 45c, 5 lbs. \$1.00, prepaid.—Not prepaid, 15 lbs. at 15c per lb.

243. COUNTRY GENTLEMAN— (93 days.) Here is a late, prolific variety of excellent quality, used widely by canners: also very desirable for home and market gardens. Ear: $7\frac{1}{2}$ inches long; kernels very deep, slender, sweet, with tender hull, and set irregularly without row formation. Stalks: $7\frac{1}{2}$ feet high, often bearing two ears. Pkt. 8c, $\frac{1}{2}$ lb. 18c, lb. 30c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 15 lbs. at 18c per lb.



Oregon Evergreen is a delicious late white Sweet Corn.

Oct. 15, 1941

F. S. & N. Co.

Inclosed find three pictures of vegetables grown from your seeds. The vegetable field picture shows rutabagas, carrots and hybrid sweet corn. Another picture shows a pumpkin weighing 29 pounds, a squash weighing 18 pounds and onions and carrots weighing more than one pound each. I am a booster of Farmer Seed & Nursery Company's seeds.

William J. A. Harju, Paynesville, Mich.

On Page 25 you will find a picture of Mr. Harju with the fine vegetables he grew last summer.

Save Your Corn Crop—Use MASTER EAR WORM DUST

Remember what a time you had with ear worm in your sweet corn in the past? Well here's an easy, inexpensive way to put a stop to the ravages of the corn ear worm this year.

Merely apply "MASTER EAR WORM DUST" when the silks begin to appear. Apply every 10 days until two or three applications have been made.

"MASTER EAR WORM DUST" is very easily and quickly applied, and saves its cost tenfold in enabling you to produce a perfect crop of sweet corn. Full instructions on every package. (Use 40 to 50 lbs. per acre.)

Prices: 1 lb. 25c, prepaid.—Not prepaid, 5 lbs. 75c, 10 lbs. \$1.25, 100 lbs. \$5.00.

Treat All Your Seed Corn With BARBAK



The Super Corn Seed DISINFECTANT

Four ounces is sufficient to treat two bushels of corn. Increases germination and stand, and insures vigorous seedlings.

Costs less than 2c per acre.

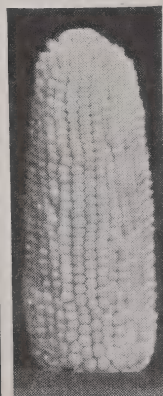
Price: $1\frac{1}{2}$ -oz. packet (enough for 1 bu. seed) 15c, prepaid.—Not prepaid, 1-lb. tin (60-acre size) 75c, 5-lb. tin \$3.00.

We offer treated Sweet Corn in 5-lb. lots and over at 2c per lb. extra.

"Make The Garden Pay"

An 80-page book every customer will want—tells in condensed form how to get the most out of your vegetable garden. Written by experts, fully illustrated. Gives cultural directions and information regarding vegetable storage, insect enemies, hotbed making, etc. A complete instruction book. Given free with a \$1.00 order of vegetable or flower seeds, or a \$2.00 order of farm seeds. Ask for it.

Pop Corn is a Profitable Crop



Hybrid Hulless
Pop Corn

CULTURE—Plant 12 pounds to the acre, in drills, or use 6 pounds if planted in hills. Plant in rows 3 feet apart, dropping the seed $1\frac{1}{2}$ feet apart in the rows. We have discarded all but the outstanding varieties. Such old-timers as White Rice and White Spanish cannot compete in quality and flavor with the newer introductions.

250. NEW HYBRID HULLESS— Here is the last word in pop corn—the latest triumph of the Minnesota Experiment Station, far surpassing standard Jap Hulless in yield and popping expansion. Records show 16% greater yield per acre. Its most amazing feature is apparent when the corn is popped, for it expands to a surprising volume (measured at 29% more than ordinary Jap Hulless). This huge popping volume makes this the most highly prized corn for popping and commercial use. We do not hesitate to recommend it as the finest pop corn obtainable from the standpoint of quality, flavor and tenderness. Pkt. 8c, $\frac{1}{2}$ lb. 15c, $\frac{1}{2}$ lb. 25c, lb. 40c, 2 lbs. 70c, 5 lbs. \$1.50, prepaid.

252. "FARIGOLD" SOUTH AMERICAN YELLOW—A real pop corn sensation—pops the largest kernels of any variety—has a rich golden butter color—very fine flavor—crisp and tender. The ears are much larger than other varieties—7 to 9 inches long and the kernels are golden yellow color. It is the most profitable variety to grow as it produces more bushels per acre on account of its large ears. This pop corn is of South American origin. We have successfully matured our own special seed crop here in Minnesota so that the seed we offer will mature earlier. Northern Strain: Pkt. 8c, $\frac{1}{2}$ lb. 15c, $\frac{1}{2}$ lb. 25c, lb. 40c, 2 lbs. 70c, 5 lbs. \$1.50, prepaid.

Eat More Pop Corn!

(This corn is for popping only—it is not suitable for seed)

NEW HYBRID HULLESS

5 lbs. 60c
10 lbs. \$1.10

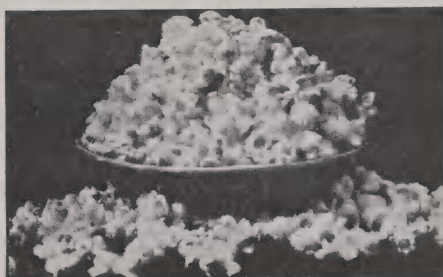
Not Prepaid

FARIGOLD SO. AMERICAN YELLOW

5 lbs. 50c
10 lbs. 95c

Not Prepaid

Postage to 3rd zone:
17c on 5 lbs. 27c on 10 lbs.



"Farigold" Pop Corn has large, buttery kernels of delicious flavor.

Enjoy Sweet Corn late in the season as well as early. Golden Country Gentleman is an excellent choice.

Cucumbers

One of The Choicest is
"A and C" or Colorado

One ounce will plant 50 hills; three pounds for an acre.



←"A and C"
or Colorado—
Symmetrical, dark
green in color, with
crisp, delicious flesh.

HOTKAPS protect young cucumber plants from beetles until the vines begin to run. See page 28.

CULTURE—Cucumbers require warm rich soil. When all danger of frost is past, plant in low flat hills, 4 to 6 feet apart each way. Scatter 10 to 12 seeds in a one foot circle in each hill and cover one-half inch. If the soil is naturally poor, work a forkful of decayed manure into each hill before planting. When plants are about 5 inches tall, thin out, leaving the five strongest to each hill. Keep the soil cultivated as long as it can be done without injuring the spreading vines. Kill Squash Bugs and Cucumber Beetles with Pyrocid Dust, see Page 23.

NOTE: Days from planting to picking are listed here. The letters W. S. and B. S. indicate the white spined and black spined varieties.

For Slicing and Salads

256. STRAIGHT EIGHT—All-America Gold Medal Winner. (66 days.) The most desirable slicing cucumber you can plant. The straight symmetrical fruits grow about 8 inches long and about 1½ inches in diameter. A very convenient size and shape. The color is a rich, deep green. Pkt. 10c, oz. 18c, ¼ lb. 50c, lb. \$1.50, prepaid.

Illustrated in Color on Back Inside Cover

259. NEW "A & C" or COLORADO—W. S. (60 days.) A long, slender cucumber of excellent shape and intense dark green color. The fruits are 8 to 9 inches long and average 2 inches in diameter; they hold their color longer than any other type. Seeds form late in the season and are few. Pkt. 10c, oz. 18c, ¼ lb. 60c, prepaid.



Straight Eight—a beautiful streamlined variety ideal for slicing.

260. IMPROVED LONG GREEN—(70 days.) (Black spined.) This is a standard late variety for home garden; excellent for slicing; hardy and prolific. Dependable. Pkt. 8c, oz. 16c, ¼ lb. 45c, lb. \$1.50, prepaid.

270. DAVIS PERFECT—(65 days.) W. S. An excellent mid-season variety for shipping or home table use. Splendid quality and appearance. Fruit: 9 to 10 inches long, 2½ inches thick, weight 2 lbs.; dark green, tapered at both ends; flesh crisp and of good quality. Pkt. 5c, oz. 12c, ¼ lb. 35c, lb. \$1.25, prepaid.

272. THE LONGFELLOW—(70 days.) W. S. (Vaughan.) Ideal for home garden, forcing or shipping. One of the best long, late varieties. Excellent quality. Perfectly uniform, long, slender shape. Fruit: 12 to 15 inches long, 2½ inches thick; weight 2½ lbs., dark green, symmetrical and attractive. Holds color and crispness well after picking. Pkt. 10c, oz. 18c, ¼ lb. 60c, prepaid.

278. TAXPAYER—

(Early.) W. S. This striking cucumber is uniformly 9 inches in length, with tapering ends and of an intense dark green color. Produces cucumbers over a long period of time, and many of them. Developed from Early Fortune which was the best seller of all White Spines because of its extreme earliness, and abundant yields. Pkt. 8c, oz. 15c, ¼ lb. 45c, lb. \$1.50, prepaid.

For Pickling

255. F. S. & N. CO'S EARLIEST PICKLING—(53 days.) The finest strain of pickling cucumber. It is early, exceptionally vigorous and hardy, and highly productive. Its quality is unsurpassed. Fruit: 9 inches long, 2½ inches thick, straight, smooth, symmetrical, of dark green color; quality and flavor excellent. Pkt. 8c, oz. 15c, ¼ lb. 45c, lb. \$1.50, prepaid.

257. CHICAGO PICKLING—(59 days.) B. S. (Westerfield Pickling.) Most widely used of the pickling varieties. Also good for slicing. Fruit: 6½ inches long, 2½ inches thick, medium green, square ended, attractive and prolific. Pkt. 5c, oz. 12c, ¼ lb. 35c, lb. \$1.25, prepaid.

261. EVERBEARING—(55 days.) B. S. A small, very early variety used for early pickles. Its outstanding feature is that the vines continue to bear throughout the growing season. Fruit: 4½ inches long, 2 inches thick; weight 1½ lbs., chunky. Pkt. 5c, oz. 12c, ¼ lb. 35c, lb. \$1.25, prepaid.

New Midget Bush Cucumber

254. MINCU—Developed by the Minnesota Experiment Station, this new cucumber is ideal for the small home garden, as the plants grow only about 12 inches tall and rarely more than 18 inches in diameter. The fruits are produced early and are about 5 inches long and 2½ inches in diameter when fully matured. Hills should be planted about 2 feet apart. Cultivation, spraying and dusting are easily taken care of with this bush-type cucumber. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.

For Dill see Page 26

For Bigger and Better Vegetables use Semesan



By simply placing your garden seeds (any quantity up to 1 lb. at a time) in a mason jar together with ¼ to ½ teaspoon of SEMESAN, and shaking for three minutes any time before planting you can grow the biggest crop of fine quality vegetables or large colorful flowers that you ever saw! SEMESAN prevents "damping-off" and seed decay, controls all seed-borne plant diseases and assures you of getting a much better stand. (Circular free. Price: ½-oz. pkt. 10c, 2-oz. can 40c, prepaid.—Not prepaid, 1 lb. \$2.50, 5 lbs. \$11.40.)

All-Season Cucumber Collection

One Earliest Pickling
Pkt. Straight Eight
Each Longfellow

for
25¢
ppd.

This is F. S. & N. Co.'s Earliest Pickling, finest of all pickling varieties.



Grow Plenty of Lettuce for Delicious Healthful Salads

One ounce will sow 150 feet of row; four pounds plant an acre.

NOTE: The letters B. S. and W. S. refer to the black seeded and white seeded varieties.

Tender Leaf Lettuce

CULTURE—Sow as early in spring as the ground can be worked, in rows 12 inches apart; cover seed $\frac{1}{4}$ inch. A rich, sandy loam is best. When plants are 3 or 4 inches tall, thin out to stand 6 inches apart. For early crop, start in hot-bed in early March, later transplanting the seedlings to coldframes, or to a sheltered position in the garden. If lettuce is cut above the crown, it will grow new leaves.

If you have found it hard to grow Head Lettuce try
Cosberg, the new sure-heading variety.

Head Lettuce

CULTURE—For early crops start seed in March in the hotbed, covering $\frac{1}{4}$ inch. When seedlings are 2 inches tall, transplant to coldframes, setting them 4 inches apart each way. When the ground is warm enough transplant to garden, setting plants 1 foot apart, in rows 12 to 16 inches apart. For general crop, make successive sowings during April and May, thinning plants to proper distance apart. For a fall crop, sow seed in August, to head during the cool weather of September and October.

333. COSBERG—A 1942 All-America Selection. This is a sure-heading lettuce, especially adapted to growing conditions in the Midwest. The heads are small, compact and firm; leaves are light green and attractively curled. Cosberg heads early and under adverse conditions, when standard varieties fail. If you have had difficulty in growing Head Lettuce, try this one. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 80c, prepaid.

331. ALL SEASONS—B. S. (75 days.) A highly prized variety for home or market garden. Does well in hot summer weather. Plant is large with medium dark thick leaves and with large, round, firm butter-head which is deep yellow inside and of excellent quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00, prepaid.

335. CRISP-AS-ICE—B. S. (74 days.) A popular sort for the home garden. Forms compact medium-sized head, well blanched and of delicate flavor. Leaves thick and crumpled; deep green overlaid with dark brown, giving a bronze appearance. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.10, prepaid.

338. WONDERFUL, NEW YORK OR LOS ANGELES—W. S. (80 days.) The outstanding shipping variety, known in all markets. Flavor and tenderness are combined with unusual keeping qualities. Our special strain is noted for the large size of heads. The dark green leaves are slightly curled on the edges. The large, tightly folded cabbage-like head is well blanched, crisp and sweet. Quality is excellent. Pkt. 8c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.40, prepaid.

339. NEW IMPERIAL NO. 44—W. S. (83 days.) Heads very large, solid, crisp and sweet; leaves light green and crumpled, with edges curled and wavy. Imperial does well under varying weather conditions, and is somewhat resistant to brown blight and mildew. An excellent shipper. Pkt. 8c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.40, prepaid.

F. S. & N. Co. Oct. 15, 1941

I have grown your Minnesota Golden Tank-and Mangels for the past ten years and find they can always be depended on to produce a good crop. Even under the poor weather conditions we had last summer, they matured to good size, some weighing as much as 8 lbs. They are good keepers for late spring feeding. We feed them to baby chicks in the spring to keep them from picking each other. Chas. Sievert, Gibbon, Minn.

324. OAK LEAF—(40 days.) Shaped like an oak leaf, deep green in color and therefore exceptionally rich in vitamins, tender and of superior flavor. Oak Leaf stands up well in hot weather and does not turn bitter. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 45c, prepaid.

See Color Illustration on Front Cover.

325. GRAND RAPIDS—E. S. One of the most popular loose-leafed varieties. Excellent for early planting and greenhouse forcing. It is very early, hardy, and disease resistant and is exceptionally tender when grown under glass. Handsome leaves are light green, broad, wavy, curly and heavily fringed. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.10, prepaid.



This is
Cos Lettuce,

Grow it for midsummer and early fall use.

Romaine or Cos Lettuce For the Salad Bowl.

330. WHITE PARIS—W. S. (70 days.) Considered the finest of all lettuces in flavor. Famous chefs prefer it for salad because of its tenderness and delicious flavor. Self-folding, with dark green leaves forming oval-shaped heads with greenish-white interior. The entire plant is tender and palatable. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 45c, prepaid.

Mixed Lettuce for the Small Garden

340. MIXED LETTUCE SEED—All kinds mixed. If not sown too thickly, will make a continuous crop. The best, early and late varieties of curly leaf as well as head lettuce. Pkt. 5c, oz. 8c, $\frac{1}{4}$ lb. 25c, lb. 85c, prepaid.

341. CHICKEN LETTUCE—Chickens need green food. This lettuce will yield a large amount of greens throughout the season, as it makes successive crops after cutting. Pkt. 5c, oz. 8c, $\frac{1}{4}$ lb. 25c, lb. 85c, prepaid.

326. BLACK SEEDED SIMPSON—Early and dependable in all parts of America. Popular in many home and market gardens. Plant is large, attractive, compact, non-heading. Leaves are light green, broad and frilled; of fine, crisp texture and quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00, prepaid.

327. SIMPSON'S EARLY CURLED—W. S. The most widely used home garden variety. Early, hardy, dependable. Plant is large, compact, lustrous green, non-heading. Leaves broad, frilled, firm, very crisp and sweet—of excellent quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00, prepaid.

329. PRIZEHEAD—W. S. A very early, quick growing, non-heading sort which is rapidly becoming the most popular loose-leaf variety for home gardens. Leaves are broad, crumpled and frilled; outside leaves tinged red, inner leaves wholly green; very crisp, sweet and tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00, prepaid.

What One of Our Customers Thinks of Oak Leaf Lettuce

F. S. & N. Co. Aug. 26, 1941

Gentlemen: I am sending you pictures of Oak Leaf Lettuce I raised from seed bought of you this spring. In quantity and quality it is superior to any other variety, and I think it should be boosted. The plants measured from 14 to 18 inches in diameter. I am glad you are offering this seed in your catalog and hope you will continue to have it on your list. Agnes Mischler, 718 South Eighth, Springfield, Ill.



The Tender Dark Green Leaves of Oak Leaf Lettuce are Excellent for Salads!

Romaine or Cos Lettuce has a distinctive, piquant flavor—it is as easy to grow as Leaf Lettuce. Page 13

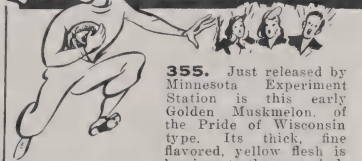
Muskmelons — Fresh from the Vine!

One ounce will plant 60 hills.

Two to three pounds per acre.

CULTURE—Muskmelons require warm, rich soil, slightly sandy. Plant when all danger of frost is past, in hills 6 feet apart each way, 8 to 10 seeds to a hill. Well-rotted manure carefully worked into the soil is beneficial. After danger of insects is past, thin out to 3 or 4 plants to a hill. Cultivate until vines cover the ground, and pinch off the ends of the vines. Give them plenty of moisture.

Golden Gopher MUSK MELON

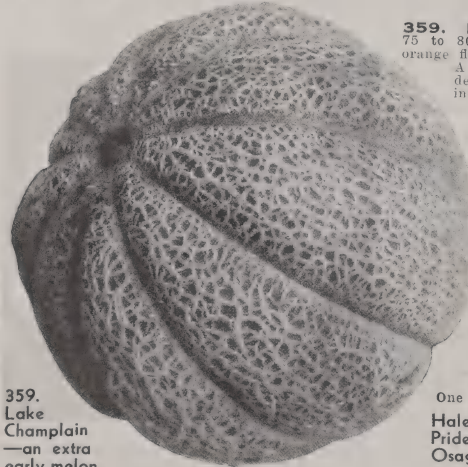


355. Just released by Minnesota Experiment Station is this early Golden Muskmelon. of the Pride of Wisconsin type. Its thick, fine flavored, yellow flesh is luscious to the very rind.

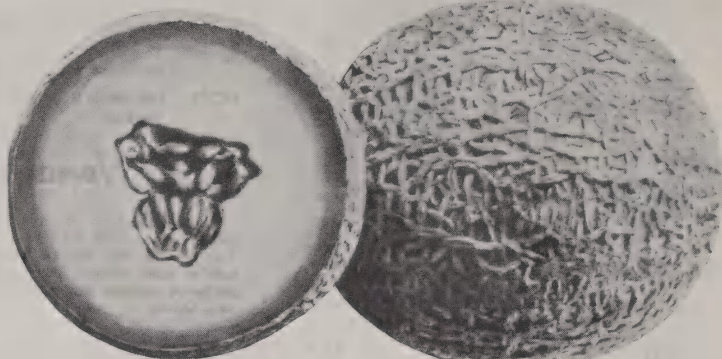
Golden Gopher has light to medium heavy netting, is semi oval-shaped and fusarium wilt resistant. Sugar test is above average and seed cavity small. A winner for early market. Seed supply limited—order early. See color illustration, inside back cover. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, ppd.

356. PRIDE OF WISCONSIN—90 days. A most attractive new melon, on the outside and when cut. Similar to Honey Rock but heavier and has harder rind, much thicker flesh (which does not soften when mature), and small seed cavity. Therefore a better shipper and keeper than Honey Rock. Rind: very hard, pearly grey, with heavy netting. Flesh: very thick, of good flavor and rich orange color, with compact seed cavity. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.

358. HALES BEST—80 days. Popular early shipping cantaloupe. Flavor and quality excellent, and withstands drought. Can be shipped long distances. Fruit: oval, 6½ inches long, almost devoid of ribbing, covered with heavy netting. Flesh: extremely thick, orange color, sweet and of fine flavor. Pkt. 8c, oz. 15c, ¼ lb. 35c, lb. \$1.15, prepaid.

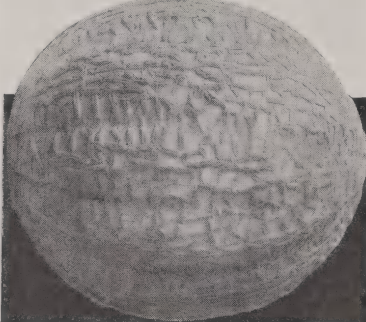


359. Lake Champlain —an extra early melon.



357. Sugar or Honey Rock has thick salmon flesh, sweet and delicious.

357. SUGAR OR HONEY ROCK—85 days. A money-maker and a source of pride for every grower. Handsome in appearance, distinctive in flavor. Sweet as sugar, solid as a rock and easy to grow. Fruit: nearly round, about 6 inches in diameter. Weight: 4 lbs. Skin grey-green, covered with coarse netting. Flesh: thick, juicy, orange color, with fine flavor. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.



Pride of Wisconsin has extremely thick flesh and a hard rind.

359. EARLY LAKE CHAMPLAIN—75 to 80 days. Absolutely the earliest of all orange fleshed melons. Fine flavor and quality. A very good early market and home garden variety. Fruit: nearly round, 5 to 6 inches in diameter, slightly ribbed and covered with an open, moderately coarse netting. When fully ripe, fruits show a golden yellow color through the netting. Flesh: fairly thick, deep orange-salmon in color, juicy and very sweet. Pkt. 8c, oz. 20c, ¼ lb. 45c, lb. \$1.50, prepaid.

360. OSAGE OR MILLER'S CREAM—92 days. A popular old favorite for home or market growing, and a good yielder. Fruits are oval or egg shaped with slight ribs and netting and dark green skin when immature, ripening to mottled orange and green. Melons are 7 inches long, weigh 5 lbs. Small seed cavity with very thick, firm, pink flesh of spicy flavor. A good shipper. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.10, prepaid.

362. MILWAUKEE MARKET—87 days. This is a large melon, averaging 8 inches in diameter. The seed cavity is small and the thick salmon flesh is fine textured with a sweet delicious flavor. Almost round in shape, heavily netted with prominent ribs; uniform in size and quality. A wonderful melon for the home garden. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.10, prepaid.

364. HEARTS OF GOLD—95 days. Grown extensively by market gardeners. A good shipping type. Follows the earlier varieties. Quality is splendid. Fruit: 6 inches thick, practically round, covered with fine netting. Flesh: very thick, deep pink, tender, juicy, sweet and aromatic. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.10, prepaid.

Green Fleshed Melon

350. MINNESOTA MELTING SUGAR—86 days. The sweetest richest flavored of all green-fleshed muskmelons. Fruit: oval in form, distinctly ribbed and heavily netted. Flesh: very firm, of green color, exceptionally sweet, sugary, juicy and tender, with rich aromatic flavor. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.



Osage or Miller's Cream has a wonderful flavor.

All Season Melon Assortment

One Packet Each. 18c

Hale's Best (Early)
Pride of Wisconsin (Medium)
Osage or Miller's Cream (Late)

Klondyke Sugar Watermelon

New Wilt-Resistant Strain

Four ounces will plant 100 hills; sow 4 to 5 pounds per acre.

Culture—The best soil for growing watermelons is light, rich, and sandy. When the ground is thoroughly warm, and all danger of frost is past, drop 8 to 10 seeds in hills 8 to 10 feet apart, covering the seed about an inch. When the plants begin to run to vines, thin out all but the three strongest plants in each hill.

This
is
Dixie
Queen

*Home Garden
Watermelon Collection*

ONE PKT. EACH	Early Northern Sweet Early Kansas Will Rogers Klondyke Sugar	28c
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One ounce of each for 45c, prepaid.

375. DIXIE QUEEN—(85 days.) A new early melon of excellent quality. It is semi-round, with a thin tough rind and stands shipping. The color is light green alternately striped with dark green. Weight about 32 pounds. The flesh is deep pink and the few seeds are small and white. One of the sweetest melons. Pkt. 8c, oz. 15c, ¼ lb. 30c, ½ lb. 50c, lb. 90c, prepaid.



382 Winter Melon—Long-Keeping! Also known as King & Queen Melon.

370. COLE'S EARLY—(75 to 80 days.) A leading first early variety for home garden and truckers to local markets; reasonably productive, and particularly desirable for the Northwest as it matures in a short season. Fruit: weight 20 lbs., medium size, short, oval, with alternate light and dark green stripes; tender rind. Flesh: pink-red, of good flavor; seeds black. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 40c, lb. 70c, prepaid.

371. EARLY ROUND LIGHT ICING—(85 days.) A very productive mid-season melon of excellent quality. Adapted to home or market gardens in the Northwest. Fruit: weight 20 lbs., oval round, very uniform, light green, with indistinct veining of darker green. Rind thin and tender. Flesh: light red, of excellent quality; seeds white. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 80c, prepaid.



Early Kansas has rich red flesh, a thin rind and very solid center.

369. EARLY KANSAS—(Also known as Red Russian or Red Seeded Hutchinson.) (85 days.) A new melon of genuine merit. It has suddenly become very popular on the markets of the Midwest, due to its earliness combined with large size, and its attractive appearance—plus fine quality. The skin is dark green with alternate stripes of a lighter shade. The rind is of medium thickness—well suited for carrying reasonable distances—and the flesh is a rich red color, of delightful flavor. Average size 15 by 13 inches; weight 40 lbs. Seeds brown. Pkt. 8c, oz. 12c, ¼ lb. 25c, ½ lb. 45c, lb. 80c, prepaid.

374. EARLY NORTHERN SWEET—Here's the newest thing in watermelons for the North. Introduced by Minn. Experiment Station, and the seed was originally brought in from Russia. This amazing melon ripens in 9 to 10 weeks from planting. Of an attractive green color, striped with lighter green. Flesh is dark red and tender, with a rich sugary flavor. Weighs 9 to 10 lbs. Splendid for early market or home garden. It is important that melons be picked as soon as they ripen, otherwise flesh tends to become slightly stringy. Pkt. 8c, oz. 12c, ¼ lb. 25c, ½ lb. 45c, 1 lb. 80c, prepaid.

383. KLECKLEY'S SWEET—(85 days.) A splendid medium early variety, especially desirable for home garden use and for truckers serving local markets. It will not stand long distance shipping. A melon of outstanding quality and unusual sweetness. Fruit: large, weight 30 to 40 lbs., cylindrical dark bluish green, with thin tender rind. Flesh is bright red, tender and extremely sweet. Seeds white. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 40c, lb. 70c, prepaid.

384. WILL ROGERS—(85 days.) Another new early melon of the Stone Mountain type, often growing to enormous size. Average size 14 by 12 inches; weight 35 lbs. Shaped like Stone Mountain, with white seeds tipped black. Skin is dark green, and flesh is bright red—of good quality. Pkt. 8c, oz. 12c, ¼ lb. 25c, ½ lb. 45c, lb. 80c, prepaid.

No room in your garden to grow Watermelons?
Try the new climbing Watermelon. You can grow it on a fence. See Back Inside Cover for illustration and price.

**374
Early
Northern Sweet
Ripens in 9 to 10 Weeks!**

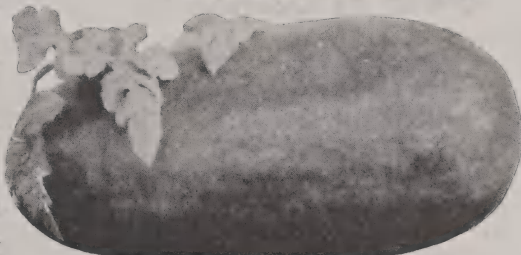


382. WINTER MELON—(78 days.) Here's a sweet luscious watermelon for your Thanksgiving dinner, from your own garden. An early sort, very prolific and an excellent shipper. This melon will keep 2 months after picking if properly stored. Fruit: small, weight 10 lbs., round, pale yellow when ripening. Flesh: bright red, crystalline, very sweet. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 40c, lb. 70c, prepaid.

385. GOLDEN HONEY—(88 to 90 days.) An excellent home garden or local market melon with amber-yellow flesh that is so sweet, crisp and glistening it fairly melts in your mouth. Fruit: medium size, weight 20 lbs., chunky, nearly round, light green with mottled darker green stripes; rind brittle. Flesh: amber-yellow, crisp and delicious, free from stringy sections. Seeds brown. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 40c, lb. 70c, prepaid.

387. KLONDYKE SUGAR—A Wilt Resistant Melon—(90 days.) For edible qualities and attractive appearance Klondyke is surpassed by no other melon. Solid dark green in color, with slight ribs running lengthwise. The rind is thick enough to stand shipping. Weight 25 pounds. The flesh is scarlet to the rind. A truly delicious melon, high in sugar content. Pkt. 8c, oz. 15c, ¼ lb. 30c, ½ lb. 50c, lb. 90c, prepaid.

390. CITRON—For making preserves. Flesh: clear white and solid. Fruit: round and smooth, quite small. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 45c, prepaid.



Klondyke Sugar—a Wilt Resistant Melon—is second to none in quality.

Melons are never so delicious as when they ripen on the vine in your own garden.

Leek

A Species of Onion

Though belonging to the onion family, the flavor is milder and subtly different when used in soups and stews.

For white tender Leeks, transplant when six inches tall to shallow trenches setting plants 3 inches deep and gradually let the soil fill in. In fall, ridge the soil about the plants so as to blanch the stems.

312. LONDON FLAG—Stems 8 to 10 inches long, 1½ inches thick, white and attractive. Pkt. 15c, oz. 60c, ¼ lb. \$2.00, prepaid.

Mustard

Used for Greens Same as Spinach

315. FORDHOOK FANCY—A handsome, mild variety, slow to bolt seed stalks; leaves bright green, plume-like, with fringed edges. Delicious as a salad, or cut and boiled like spinach. The reddish-brown seed is used for flavoring and in pickles. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.00, prepaid.

Grow Your Own

FREE
LEAFLET

Mushrooms

"How to Grow Mushrooms" with every order

You can grow a crop of creamy delicious mushrooms in your own lawn. Just plant cubes of spawn beneath the sod in spring and after a warm rain the mushrooms will appear.

Pure Brick
Spawn
40c each,
ppd.

Not Prepaid
5 bricks
\$1.65

10 Bricks
\$2.75



Okra or Gumbo for Delicious Soups

Okra pods are used in soups, stews, salads, catsup and relishes, and are very popular in the South. The pods should be gathered each day, while they are tender and pulpy. They are at their best when from one to three inches long. Okra is a hot weather plant and the seed should not be sown until late May when the ground is thoroughly warm.

215. WHITE VELVET—Height 3½ feet; long white pods. Pkt. 10c, oz. 20c, ¼ lb. 50c, prepaid.

217. DWARF GREEN—Grows low, is very productive. Pkt. 10c, oz. 20c, ¼ lb. 50c, prepaid.

Onion Sets and Plants



F. S. & N. Co.'s White Bottom Sets

One pound for 25 feet of row; 12 bu. per acre
(32 pounds equal 1 bushel)

Onion sets should be planted as early in spring as the ground can be worked and in a few weeks the delicious young onions are ready to serve on the table. Plantings may be successively made late into the summer, as long as the sets remain in good condition.

YELLOW BOTTOM SETS—The onions commonly planted in the home garden for early green onions, also for later use. Price: Lb. 25c, prepaid.—Not prepaid, 4 lbs. 45c, pk. 80c, bu. \$2.95.

RED BOTTOM SETS—Produce onions of excellent keeping quality and strong flavor. Price: Lb. 25c, prepaid.—Not prepaid, 4 lbs. 45c, pk. 80c, bu. \$2.95.

WHITE BOTTOM SETS—Price: Lb. 30c, prepaid.—Not prepaid, 4 lbs. 50c, pk. 90c, bu. \$3.25.

EGYPTIAN PERENNIAL SETS—A hardy variety that may be planted either in spring or fall. They require no attention, spread rapidly, and make the first green onions for the table in spring. Price: Lb. 25c, prepaid.—Not prepaid, 4 lbs. 50c, pk. (7 lbs.) 80c, bu. (28 lbs.) \$2.75.

YELLOW MULTIPLIERS—Flavor much superior to ordinary onions. Price: Lb. 30c, prepaid.—Not prepaid, 4 lbs. 55c, pk. 95c, bu. \$3.00.

JAPANESE OR EBENEZER ONION SETS—In shape and color, this variety resembles Yellow Globe Danvers, but it generally produces 50% more onions per acre. Its great superiority over other onions is the big yields, long-keeping quality, and freedom from going to seed. Japanese sets produce marketable onions in June and July, long before any others are ready. Price: Lb. 25c, prepaid.—Not prepaid, 4 lbs. 45c, pk. 80c, bu. \$2.95.

For larger quantities than one pound, add postage.

Bermuda Onion Plants

Started in Texas from the finest strains of onion seed, the plants are lifted and shipped to be replanted in northern gardens. They will produce mild-flavored young green onions in the shortest possible time, or allowed to develop, will quickly grow to creaming or slicing size.

We can usually supply the following varieties: Yellow Bermuda, Crystal Wax, Prize-taker and Valencia, but in case of shortage we reserve the right to send the varieties available when order reaches us.

Orders will be shipped at proper time for setting out. We prepay to fourth zone only (600 miles). Beyond that, at customer's risk. 100,000 plants are required to plant an acre.



Price Prepaid
to 4th zone

2 Bundles
45c
5 Bundles
90c
10 Bundles
\$1.50

Not Prepaid
Per Case of
60 Bundles
\$4.50

Weight of
Case 35 lbs.
Bundles Contain
75 to
100 Plants

Onion Plants not available after May 1st

Garlic Sets

Used for flavoring stews, soups, meats, dressings and sauces. Garlic is a perennial, a member of the onion family, but of much stronger flavor. The bulb separates beneath a thin, papery skin into divisions or "cloves." These cloves are planted in rows 12 to 18 inches apart and 4 to 6 inches apart in the row and covered with an inch or two of soil. When the tops have died, the bulbs are pulled, braided together by their tops and hung in a dry, airy place to cure. ½ lb. 25c, lb. 45c, 5 lbs. \$2.00, prepaid.—Not prepaid, 10 lbs. \$3.00.



For Chives Plants see Page 27

Letters from Prize Winners in Our 1941 Photo Contest

F. S. & N. Co.

Oct. 10, 1941

I am sending a picture of the seed corn grown from seed I bought of you last spring. In one basket is Wisconsin No. 110 Day and in the other is Minnibrid. Both varieties yielded well in spite of the fact that we had very little rain after the corn started to set ears. I am a booster for your seed corn.

George L. Jetter, Pipestone, Minn.

F. S. & N. Co.

Sept. 23, 1941

A year ago this spring I ordered five hundred Wayzata strawberry plants from you, and to show you what wonderful success I had with them I enclose pictures taken this spring when I harvested my first crop. The plants were just loaded with berries every day. I get a lot of enjoyment out of caring for the plants and picking the nice berries.

Mrs. Math. Greiner, Comfrey, Minn.

F. S. & N. Co.

Oct. 4, 1941

I have ordered my garden seeds and nursery stock from you for the past six years, and have been more than satisfied with the results from them. We have enjoyed fresh vegetables from our garden all summer and I have sold \$12 worth besides, also have canned 150 quarts.

I am sending a picture of my Gold Flame Climbing Honeysuckle. It was a two-year-old plant last spring when I bought it and has made a wonderful growth and bloomed continuously all summer.

Mrs. Otto Fahning, R. 2, Wells, Minn.

F. S. & N. Co.

Oct. 9, 1941

Our Blaze-o-Mums have attracted so much attention from passing motorists that I decided to take a picture of them and enter it in your contest. They are red, pink and yellow and make a fine showing. In the picture you can also see the Sweet Alyssum edging grown from your seed and still in full bloom in October.

Velma Helen Rahmlow, Appleton, Wis.

Dependable Onion Seed

One ounce will sow 100 feet of drill, 5 pounds per acre.

CULTURE—The soil should be very carefully prepared for onions. The richer the soil, the better the crop will be. Plenty of fertilizer and wood ashes, well spaded in, are essential. Sow the seed as early as the ground can be worked, in rows 15 to 18 inches apart, covering $\frac{1}{2}$ inch deep. When the seedlings are 3 or 4 inches tall, they should be thinned out to stand 3 inches apart in the row. Keep them free from weeds and hoe often.

There is a Serious Shortage of ONION SEED

Disastrous weather conditions, insects and disease combined, gave Onion Seed growers a knockout blow. Some varieties were a near total failure—deliveries ranging from 50% down to 10% of a crop. Besides, the acreage was restricted, owing to overproduction in previous years—and no seed from Europe has been received. To sum up—Onion Seed is cheap at any price.

SPECIAL—To help out we offer grade 2 seed—same quality as grade 1—except 10-20 points below normal germination at $\frac{1}{3}$ less than quoted here. Offers subject to stocks being unsold.

Long-Keeping Winter Onions

395. SOUTHPORT RED GLOBE—(Late.) The finest red onion. We offer our special strain of Red Globe produced by years of careful breeding. The perfect globe type is thoroughly established in this variety resulting in bulbs of the most uniform shape and attractive appearance. They are highly productive and fine keepers. Bulbs: perfectly round, of good size, with small neck and thick, deep purplish red skin. Flesh: white, tinged with pink, of strong flavor. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.65, prepaid.

397. MINNESOTA SOUTHPORT YELLOW GLOBE—(Late.) A very handsome golden yellow globe of good size and mild flavor, which is very popular on the market. It is a good cropper, medium late, hardy, and possesses excellent storage qualities. Bulbs: medium large, round, yellow, firm and solid. Flesh: white with slight yellow tone. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.65, prepaid.

403. LARGE RED WETHERSFIELD—(Late.) One of the most extensively grown large red onions. A heavy yielder and a splendid keeper. In poor soil it does best, growing a thinner neck than in heavy soil. Used extensively for sets and for storage. Bulbs: medium large, flat on the bottom with sloping top; purplish red. Flesh: fine grained, firm, slightly flushed with pink. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.65, prepaid.

404. BRIGHAM YELLOW GLOBE—(Early.) This strain was grown and selected for years by its Michigan originator, and is among the best in production and keeping qualities. The bulbs are globular, with rounded bottom, solid and well covered with tight-fitting, thick skins. May be grown successfully on either muck or heavy soil. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.85, prepaid.

407. YELLOW GLOBE DANVERS—(Medium Early.) A popular hardy strain of Yellow Globe. It is fairly early and a good cropper. Used extensively for storage. Bulbs: medium large, round, yellow, firm and solid. Flesh: fine grained, creamy white, crisp, mild and of excellent flavor. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.65, prepaid.

396. EXTRA EARLY YELLOW GLOBE—The early market money maker—10 days earlier than Southport Yellow Globe. A real quality onion—good yielder—excellent semi-globe shape with deep yellow color. Seed exceedingly scarce. Pkt. 15c, oz. 65c, 2 oz. for \$1.15, prepaid.

Southport Red Globe
A good keeper

Early White
◀Welsh.—

A Hardy
Perennial
Used
Exclusively
for
Green
Onions
Tender
and of
Delicate
Flavor

Early Bunching or Pickling Onions

409. EXTRA EARLY BARLETTA—An exceptionally early sort, very popular for pickling and green bunching. Bulbs: small, flat, pure white, of mild sweet flavor. Pkt. 15c, oz. 50c, $\frac{1}{4}$ lb. \$1.75, prepaid.

410. EARLY WHITE WELSH—A hardy perennial, used exclusively for green bunching onions. This variety does not produce bulbs, but provides a good crop of the finest green onions for the market early in spring, in advance of those from sets. They may be left in the ground for years. Seed may be sown in August and September for extra early crop in spring. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.60, prepaid.

411. WHITE PORTUGAL or SILVER SKIN—(Medium Early.) The most widely used white onion. It might be called an all-purpose variety, as it is excellent for sets, as a pickler, for green bunching and for storage. Bulbs: medium size, thick-skated, clear white, hard, fine grained and of pleasing flavor. It is a dependable cropper. Pkt. 15c, oz. 50c, $\frac{1}{4}$ lb. \$1.75, prepaid.

415. EARLY WHITE BUNCHING ONION—(Annual.) Here's an exceptionally early green bunching onion. An annual which forms small bulbs for green table sets, as a pickler, for green bunching and for storage. Bulbs: medium size, thick-skated, clear white, hard, fine grained and of pleasing flavor. It is a dependable cropper. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.60, prepaid.

398. Minnesota
Southport White
Globe is pure white
and mild-
flavored

Large Mild Onions for Slicing

398. MINNESOTA SOUTHPORT WHITE GLOBE—(Late.) This is the finest of all white sorts. Its unusually handsome appearance brings a premium on all markets. It keeps well in fall storage. To get fine white onions, great care should be exercised in harvesting the crop. Pull as soon as they are ripe enough to harvest and dry in an airy, shady place. Bulbs: round, medium sized, solid, pure white, very attractive, skin thin and delicate. Flesh: waxy white, fine grained and mild. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.85, prepaid.

405. WHITE BERMUDA OR CRYSTAL WAX—An excellent onion for home garden. Beautiful in appearance, both skin and flesh being a clear delicate white. Bulbs: very flat, medium sized, clear white; of mild, delicate flavor. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.85, prepaid.

412. SWEET SPANISH or VALENCIA—The mildest onion in cultivation, a product of old Spain, now acclimated to our growing conditions. Larger than Prizetaker, and for table slicing it rivals the Bermuda—it may be eaten like an apple. Very prolific and desirable for shipping and fall storage—a money-maker for market gardeners. Bulbs: very large, globular with golden yellow skin; flesh white, and of mild pleasing flavor. Pkt. 15c, oz. 65c, $\frac{1}{4}$ lb. \$2.25, prepaid.

414. MIXED ONION SEED—This mixture contains seed of all varieties, Globe, Wethersfield, early and late, and "green" onions. It is fine for the small garden, as it will furnish a supply of onions all summer and for winter storage. Also recommended for growing sets. Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.45, prepaid.



Luscious Peas from Your Own Garden

Extra Early Peas

447. EARLY ALASKA—(55 days.) (Smooth seeded.) The first early variety for market gardeners. Also very extensively used for canning. Crop matures evenly. Our strain is noted for its pod size and productivity. Vines: 30 inches long. Pods: light green, round, contain 6 to 8 peas of good quality. Seeds: small, round, smooth, bluish green. Mammoth pkt. 8c, ½ lb. 15c, 1 lb. 25c, 2 lbs. 45c, 5 lbs. \$1.05, prepaid.—Not prepaid, 10 lbs. at 15c per lb.

448. EXTRA EARLY EIGHT WEEKS—(56 days.) (Semi-wrinkled.) This is the earliest sort in common use. A splendid variety to produce the first home garden peas on the family dinner table. Vines: 13 inches high, very dwarf, slender. Pods: 3 inches long, dark green, contain 7 to 9 peas of exceptional quality when picked young. Seeds: small, grey green, dimpled. Mammoth pkt. 10c, ½ lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. \$1.20, prepaid.—Not prepaid, 10 lbs. at 17c per lb.

See Color Illustration Inside
Back Cover

UNCLE SAM wants 1,300,000 more gardens planted in 1942 than in 1941. This tremendous demand for seeds in a short-crop year means
ORDER EARLY!



Giant Laxtonian—
Large podded,
contains 7-8 large succulent peas.



Laxton's Progress—Early, large-podded, heavy-yielding and of excellent quality.

Dwarf Early Wrinkled Peas

460. THOMAS LAXTON—(58 days.) A popular early variety highly prized by shippers and canners. Quality and yield are excellent. Vines: 33 inches high, medium green and heavy. Pods: 3¼ inches long, plump, broad; contain 7 to 8 large tender peas of good quality. Seeds: cream and green, wrinkled. Mammoth pkt. 8c, ½ lb. 15c, 1 lb. 28c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 10 lbs. at 16c per lb.

461. LAXTON'S PROGRESS—(60 days.) The largest podded and most attractive of the Laxtonian family. A good sort for shipping to distant markets, also for home and market garden planting. Of fine quality and abundant yield. Vines: 17 inches high, medium dark green. Pods: 4¼ inches long, dark green, handsome; contain 7 to 9 large peas of good quality. Seeds: large, wrinkled, cream with green color. Mammoth pkt. 10c, ½ lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. \$1.20, prepaid.—Not prepaid, 10 lbs. at 17c per lb.

462. NEW GLACIER HYBRID—(62 days.) A new wilt-resistant Thomas Laxton type Pea that matures several days earlier and grows 34 inches high. Pods are plump, blunt, and contain 7 to 8 peas semi-round of exceptional quality. Excellent color and flavor. Mammoth pkt. 10c, ½ lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. \$1.20, prepaid.—Not prepaid, 10 lbs. at 17c per lb.

470. GIANT LAXTONIAN—(60 days.) Here is the best known of the early, dwarf, large podded sorts. Used largely for home gardens and by truckers and shippers. Our featured strain has exceptionally large pods. Vines: 18 inches high, dark green; "top off" well at maturity. Pods: 4¼ inches long, broad, dark green, contain 7 to 8 large succulent peas. Seeds: yellow and green, wrinkled. Mammoth pkt. 10c, ½ lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. \$1.20, prepaid.—Not prepaid, 10 lbs. at 17c per lb.

471. LITTLE MARVEL—(60 days.) Outstanding among the older varieties of dwarf peas. Little Marvel continues to be extensively used on account of its exceptional quality and yield. Valuable for home garden and early shipping. Vines: 18 inches high. Pods: 3 inches long, plump, well filled with 7 to 8 tender peas. Seeds: light green, squarish, wrinkled. Mammoth pkt. 10c, ½ lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. \$1.20, prepaid.—Not prepaid, 10 lbs. at 17c per lb.

472. AMERICAN WONDER—(58 days.) Our stock of this old popular pea is the true extra-dwarf, early strain. Well suited to home gardening and highly productive. Vines: 12 to 14 inches high, dark green. Pods: 2¼ inches long and filled with 6 peas. Seeds: wrinkled, square, green. Mammoth pkt. 8c, ½ lb. 15c, 1 lb. 28c, 2 lbs. 50c, 5 lbs. \$1.10, prepaid.—Not prepaid, 10 lbs. at 16c per lb.

474. PREMIUM GEM—(63 days.) A highly productive, medium early variety good for home gardening and for canning. Vines: 20 inches high, dark green. Pods: 2¼ inches long, light green, contain 6 to 7 peas. Seeds: wrinkled green. Mammoth pkt. 8c, ½ lb. 15c, 1 lb. 28c, 2 lbs. 50c, 5 lbs. \$1.10, prepaid.—Not prepaid, 10 lbs. at 16c per lb.



Plant Them Early!

One pound will plant 100 feet of drill

CULTURE—Peas are a cool-weather crop and must be planted as soon as the ground can be worked in spring. A rich, light soil is required and plenty of water if a full crop is to be produced. It will pay to use a balanced commercial fertilizer in the row when the seeds are sown. (See page 76.) Sow in rows 2 feet apart and 2 inches apart in the row. Avoid crowding, as closer planting will produce no greater crop. Tall varieties must be supported with light stakes or brush.



Little Marvel—
Finest Dwarf early Pea—of delicious flavor and a heavy bearer.

Inoculate Garden Peas and Beans for



Bigger Yields & Better Crops

Use McQueen's Inoculator. The small extra cost is repaid tenfold. McQueen's Garden Size Inoculator (treats 4 pounds garden peas or beans). Pkt. 10c, prepaid. Market or Grower Size Inoculator (treats 15 pounds garden peas or beans). Pkt. 25c, prepaid.

In ordering state if wanted for Peas or Beans.

To Eat Fresh and to Can—

Mid-Season Peas

475. TENDER GIANT—(73 days.) A medium late, large, podded variety maturing after the early dwarf varieties and before the other large podded main crop sorts. Its sweetness and quality cannot be improved upon. A nation-wide favorite as a canning pea. Vines: 27 inches high. Pods: 4 inches long, contain 6 to 8 large tender peas. Seeds: large, green, wrinkled. Mammoth pkt. 10c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.20, prepaid.—Not prepaid, 10 lbs. at 17c per lb.

Illustrated on Front Cover

480. POTLATCH OR BIG DINNER—(78 days.) One of the very finest late varieties for home garden and for shipping to distant markets. Potlatch is famous for its heavy yield of immense pods bearing many large luscious peas of delicious flavor. Vines: 26 inches high, deep green. Pods: 4½ inches long, ¾ inch wide; contain 8 to 10 tender, succulent peas. Seeds: large, wrinkled, green. Mammoth pkt. 8c, ½ lb. 15c, lb. 28c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 10 lbs. at 16c per lb.

484. EVERBEARING—(74 days.) An extra long bearing period makes this a popular variety. Everbearing is resistant to Fusarium wilt, and is noted for its quality. Vines: 32 inches high. Pods: 4 inches long, plump; contain 4 to 5 large peas of sweet marvory flavor. Seeds: very large, light green, flat, wrinkled. Mammoth pkt. 8c, ½ lb. 15c, lb. 28c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 10 lbs. at 16c per lb.

486. DWARF TELEPHONE OR DAISY—(75 days.) A late, large-podded, highly-productive sort for home garden and truckers. A good shipper and resistant to Fusarium wilt. Our strain is unsurpassed in size and appearance of pods. Vines: 22 inches high. Pods: 4½ inches long, broad, pointed and attractive; contain 8 to 10 peas of excellent quality. Seeds: large, wrinkled, bluish-green. Mammoth pkt. 8c, ½ lb. 15c, lb. 28c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 10 lbs. at 16c per lb.

Tall Late Peas

501. QUITE CONTENT—(74 days.) We receive more enthusiastic reports on Quite Content than on all other tall peas. It has immense pods, filled with extra large, quality peas. Vines: 45 inches high. Pods: 4¾ inches long; contain 8 to 9 large, tender peas. Seeds: wrinkled, large, green. Mammoth pkt. 10c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.20, prepaid.—Not prepaid, 10 lbs. at 17c per lb.

505. TALL TELEPHONE—(73 days.) A standard mid-season variety. Produces an abundant yield of immense pods filled with large tender peas of excellent flavor and quality. Vines: 45 inches high, dark green. Pods: 5 inches long, plump. Seeds: large, wrinkled, light green. Mammoth pkt. 8c, ½ lb. 15c, lb. 28c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 10 lbs. at 16c per lb.

506. CHAMPION OF ENGLAND—(79 days.) A well known late variety. A great climber and heavy yielder. Vines: 54 to 60 inches high. Pods: 3 inches long, plump; contain 7 to 8 peas of good quality. Seeds: large, wrinkled, light green. Mammoth pkt. 8c, ½ lb. 15c, lb. 28c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 10 lbs. at 16c per lb.

Do You Know The Secret of Success in Growing Peas?

You, too, can grow big crops of luscious Peas throughout the summer if you will follow this advice—

Instead of planting at 2 or 3 week intervals, plant the early, midseason and late varieties **all at one time** in early spring, just as soon as the ground can be worked. The plants will develop a good root system before hot weather comes, and the different varieties will bear in steady succession.

492. DWARF SUGAR—(68 days.) (Eat pod and all!) A prolific home garden variety with an edible pod and also resistant to Fusarium wilt. Delicious if cooked when young the same as string beans—without shelling. Very sweet and tender. Vines 28 inches high, slender and wiry, with purple blossoms. Pods: 3 inches long, heavily curved, strongly indented between the peas. Seed: small, mottled, grey, round, smooth. Mammoth pkt. 8c, ½ lb. 15c, lb. 28c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 10 lbs. at 16c per lb.

499. NEW DROUGHT RESISTER PEAS—(72 days.) Will produce a crop equally well in wet or extremely dry seasons. The wilt resistant vines grow 2 ft. high—and require no support. Pods are round and well filled with 7 to 10 sweet, tender Peas. Just the variety for late planting and prolonging the pea season. Mammoth pkt. 10c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.20, prepaid.—Not prepaid, 10 lbs. at 17c per lb.

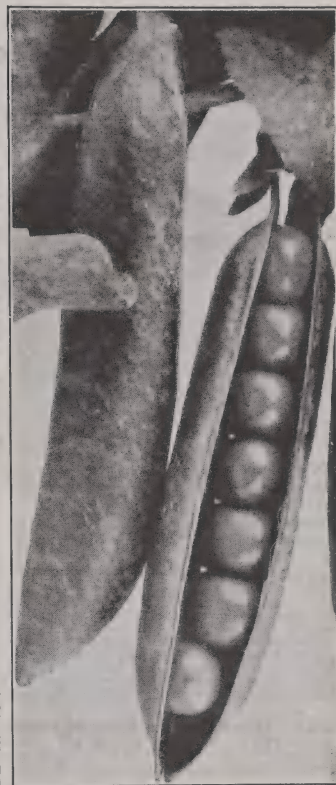
Fresh Peas All Summer!

COLLECTION NO. 510

IMPORTANT—All varieties in this collection must be planted **at one time**, as early in the spring as the ground can be worked, and they will mature in succession.

Extra Early Eight Weeks (56 Days)
Laxton's Progress (60 Days)
Dwarf Telephone (75 Days)
Potlatch or Big Dinner (78 Days)

1 pkt. of each (4 pkts.)	29c
½ lb. of each (2 lbs.)	59c
1 lb. of each (4 lbs.)	\$1.08



Potlatch—bears immense luscious peas.

Parsnips

One ounce for 200 feet of drill. Five to six pounds for an acre.

A valuable root vegetable of rich sweet flavor and high food value. Frost improves the flavor, and parsnips can be left in the ground all winter, to be harvested in spring when fresh vegetables are scarce. Seed germinates slowly. Sow early in drills.

426. HOLLOW CROWN OR GUERNSEY—A great cropper; tender, sugary and considered the best for general cultivation. Pkt. 5c, oz. 12c, ¼ lb. 40c, lb. \$1.45, prepaid.

427. IDEAL—Roots not as long as Hollow Crown, but are thicker and more easily gathered. They are very smooth and have fine grained flesh of excellent quality. Pkt. 5c, oz. 12c, ¼ lb. 40c, lb. \$1.45, prepaid.

Hollow Crown Parsnips.



Parsley

One ounce will sow 150 feet of drill.

CULTURE—Parsley is indispensable for flavoring and for garnishing. The seed germinates slowly, in 2 or 3 weeks and therefore should be soaked in warm water for a few hours before planting. Sow early in spring, ½ inch deep. In the fall, a few plants may be set into pots, and taken indoors.

430. MOSS CURLED—A compact growing, finely cut and densely curled variety of a deep green color. Owing to its fine color and handsome foliage, it is most popular. Pkt. 5c, oz. 12c, ¼ lb. 35c, lb. \$1.25, prepaid.

431. HAMBURG or THICK ROOTED—The root is the edible portion of this variety and resembles a small parsnip, both in color and shape. Flesh white, a little dry, having a flavor similar to celeriac. Very hardy. Is cultivated like parsnip. Foliage same as Plain Parsley. Pkt. 5c, oz. 12c, ¼ lb. 35c, lb. \$1.25, prepaid.

Pepper Grass or Cress

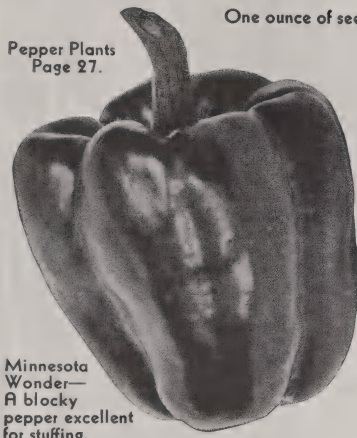
295. FINE CURLED—Crisp, pungent leaves, finely cut and curled, dwarf and compact. Used mostly for garnishing and as a condiment. Pkt. 8c, oz. 15c, ¼ lb. 50c, prepaid.

Cultivate Your Garden Continuously—Our All-Purpose Hoe is Amazingly Efficient
and Costs Only \$1.10, Prepaid—See Page 77

Peppers—Sweet and Hot

One ounce of seed for 1,000 plants. ¼ lb. to transplant one acre.

Pepper Plants
Page 27.



Minnesota Wonder—A blocky pepper excellent for stuffing.

432. KING OF THE NORTH—(64 days.) An early large pepper especially valuable in northern states. Fruits are enormous in size and color up a brilliant red much earlier than any other large sort. They average 6 inches long, 4 inches across. The flesh is thick, firm, very sweet and mild. Plants are literally covered with large peppers. Often one plant will have 8 to 10 mature fruits. Pkt. 10c, ½ oz. 25c, ½ lb. \$1.35, prepaid.

433. HUNGARIAN HOT PEPPER—(65 days.) Also called Banana and Bulgarian Yellow. An extremely hot, long, slender pepper of a bright waxy yellow color. Turns crimson when mature. The fruits are pointed and from 5½ to 7 inches long. The plants produce abundantly. A special favorite with many people because of its pungency. A profitable market sort. Pkt. 10c, ½ oz. 25c, ½ lb. \$1.35, prepaid.

Pumpkins

1 oz. for 25 hills, 4 lbs. per acre.
Plant like squash, 3 or 4 seeds
per hill and thin to 1 plant per hill.

565. SUGAR PIE—(75 days.) Most desirable for pies. Very fine grained, sweet and a splendid winter keeper. Fruits: 10 to 15 inches thick, weight 6 to 8 lbs.; skin hard, smooth, somewhat ribbed, deep orange. Flesh: thick, sweet, orange-yellow, and of high quality. Pkt. 8c, oz. 12c, ¼ lb. 25c, ½ lb. 75c, 5 lbs. \$3.00, prepaid.

572. CONNECTICUT FIELD—(Matures in 110 days.) Extensively grown for making pies, for canning and for stock feed; usually planted in cornfields. Also known as Large Cheese. Fruits: 12 to 15 inches thick, weight 15 to 25 lbs., large, flattened at the ends. Surface hard, smooth, somewhat ribbed, deep orange in color; flesh thick orange-yellow, coarse and sweet. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 60c, 5 lbs. \$2.25, prepaid.

573. KENTUCKY FIELD—(Matures in 110 days.) Widely used for canning and for stock feeding. Hardy and productive. Fruits: 12 to 14 inches thick, weight 10 to 15 lbs., large, slightly ribbed, not fixed in shape, some being flat, others globular and elongated; color, dull orange. Flesh: deep yellow, coarse and of good flavor. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 60c, 5 lbs. \$2.25, prepaid.

CULTURE—Sow seed in flats, or in the hot-bed in March, and transplant seedlings, when 3 or 4 inches high to other flats or to paper pots. About the last of May, transplant to the garden, in rich, well-prepared soil, setting the plants in rows 3 feet apart, 20 inches apart in rows.

NOTE—The time from setting out plants to marketable condition is indicated here.

434. HARRIS EARLY GIANT—(63 days.) An excellent first early sweet variety, for home and market garden use. Fruits resemble Bull Nose in form. Plants: dwarf, upright, very productive. Fruits: 4½ inches long, 3½ inches thick; gently tapered, 3-lobed, of sweet mild flavor; deep green changing to bright red. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.10, prepaid.

435. MINNESOTA WONDER—(68 days.) A real quality pepper, mild and sweet. It produces smooth uniform fruits 4 inches in diameter and 5 inches long, mostly 4-lobed. The color is deep green, changing to bright crimson at maturity. The flesh is solid and thick. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.75, prepaid.

437. LARGE BELL or BULL NOSE—(58 days.) A popular early sweet variety. The first on the early market. Plants: small, erect, prolific. Fruits: 3 inches long, 2½ inches thick; blunt, deep green—changing to scarlet red; sweet, mild in flavor. Pkt. 8c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00, prepaid.

442. RUBY KING—(68 days.) Excellent for home and market gardening, also for shipping. Plants: medium dwarf, erect, vigorous, and very productive. Fruits: 5 inches long, 3 inches thick; tapering, dark green changing to ruby red at maturity. Flesh: thick, mild and sweet. Pkt. 8c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00, prepaid.



Sugar Pie.

Sweet and Delicious.

574. MAMMOTH KING or JUMBO—(Matures in 120 days.) The largest of all pumpkins. Valuable for stock feeding and exhibition purposes. Fruits: 20 to 24 inches in diameter, weight 60 to 90 lbs., very large, globular, slightly ribbed, flattened; skin light yellow, mottled with yellow and frequently slightly netted. Flesh: solid, coarse, but of fair quality. Pkt. 8c, oz. 15c, ¼ lb. 30c, ½ lb. 85c, prepaid.

576. PRIZE COLLECTION MIXTURE—A mixture of the best varieties described above, all shapes and sizes, large and small. Just the thing for growing varieties to exhibit at county or state fairs. There is bound to be a prize winner. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 60c, 5 lbs. \$2.25, prepaid.

Peanuts



Large Virginia Peanuts.

As
Easy
to
Grow
as
Potatoes

Ask for
Free
Leaflet

514. EARLY SPANISH—The earliest variety, and best for the North. Plants are upright and compact, with small pods and nuts of fine flavor. Large pkt. 8c, ½ lb. 25c, ½ lb. 40c, prepaid.—Not prepaid, 5 lbs. \$1.35.

515. LARGE VIRGINIA—The main crop peanut, and the most extensively grown. Plants are erect, and of vigorous, rapid growth, with very large pods and nuts. Fine for dry, sandy soil. Large pkt. 8c, ½ lb. 25c, ½ lb. 40c, prepaid.—Not prepaid, 5 lbs. for \$1.35.

Rhubarb Seed

One ounce will plant 500 feet.

CULTURE—Sow in April in drills one foot apart, covering ¾ inch. Thin out to 12 inches apart in row, when a few inches high. The following spring transplant to deep rich soil, 3 feet apart.

581. VICTORIA—A vigorous grower, with thick red stalks of excellent quality. Pkt. 10c, oz. 20c, ¼ lb. 65c, prepaid.

Tobacco Seed

One ounce of seed will produce plants for one acre.

519. CONNECTICUT SEED LEAF—Grown principally for the manufacture of cigars. Hardy, prolific, and well suited to production in the north and central states. Pkt. 10c, ½ oz. 35c, oz. 50c, prepaid.

YOU WILL WANT THESE

Leaders in the 1942
Vegetable Parade
IN YOUR GARDEN

Medal Refugee Green Bush Bean	Page 4
Decatur Pole Bean	Page 5
Streamliner Carrot	Page 7
Utah Golden Crisp Celery	Page 9
Marcross Hybrid Sweet Corn	Page 10
Mincu Bush Cucumber	Page 12
Cosberg Lettuce	Page 13
Dixie Queen & Klondyke Sugar Melons	Page 15
Minnesota Wonder Pepper	Page 20
Greengold Squash	Page 23
Summer Squash, Cocozelle	Page 23
Tomato Skyliner	Page 25

Minnesota Grown Seed Potatoes



A Sweepstakes Winner at Minnesota State Fair.

NEW MESABA (Certified)

A development of the Minnesota Experiment Station—obtained from a cross between the Russet Rural and a seedling selection of Early Ohio. The Mesaba is a round white potato of the smooth Rural type and similar to Irish Cobbler in maturity and yield. It has proved to be a smoother, more attractive market potato than Cobbler, as well as superior in yield.

Price: 10 lbs. 85c, postpaid to 3rd zone. See Blue Figure price list.

Extra Early WARBA From Minn. Exp. Station

Resembles Bliss Triumph, though larger in size—a bigger yielder, has white crisp flesh and is exceptionally quick maturing. Seven to ten days earlier than Bliss Triumph or Early Ohio. The vines are upright, sturdy and resistant to mild mosaic. Tubers are short, round, blocky with pink eyes and of uniform size.

Price: 10 lbs. 85c, prepaid to 3rd zone. See Blue Figure Price List for larger lots.

EARLY OHIO

This old favorite is a heavy yielder, of even size, oval tubers, very smooth, with shallow eyes. Early Ohios always bring a high market price, and though very early, they keep well. The flesh is white, firm, fine grained, and of excellent flavor. Price: 10 lbs. for 75c, prepaid to 3rd zone.

EARLY IRISH COBBLER

Another extra fine early potato, and one that is not easily affected by blight and insects. The tubers are nearly round, and slightly flattened, rather blocky shape. The skin is white, well netted, with eyes of medium depth. Price: 10 lbs. for 75c, prepaid to 3rd zone.

NEW SEBAGO POTATO

Latest blight resistant cross of Chippewa and Katahdin. A vigorous grower producing high yields of sound white potatoes of excellent cooking quality. Considered a medium late variety—bound to become immensely popular as a home or market potato. Seed supply very limited—offered in 10-lb. quantities only.

Price: 10 lbs. for \$1.00, prepaid to 3rd zone.

KATAHDIN (Certified)

A dependable favorite for winter storage—originated by the U. S. Dept. of Agr. from Rural New Yorker and Aroostook Wonder parentage. Tubers are short, elliptical to roundish with shallow eyes. A vigorous grower—does especially well in peat soil, and is a good consistent yielder. As a late variety it is replacing Rural New Yorker and Green Mountain.

Price: 10 lbs. 85c, prepaid to 3rd zone. See Blue Figure List for quantity prices.

IMPORTANT NOTICE!

Serious damage due to soft rot and bacteria ring rot has greatly deteriorated this year's potato crop. Certified seed free from these diseases is the only method of control. A big demand for the certified stocks we offer is developing—order early to avoid disappointment.

TREAT SEED POTATOES

Just dipping seed potatoes in SEMESAN BEL solution, eliminates such diseases as scab, rhizoctonia and black leg. Improves germination and produces bigger crops. One pound treats 70 to 80 bushels of seed. Prices: 2 oz. 30c, prepaid—Not prepaid, 1 lb. \$1.65, 5 lbs. \$7.15, 25 lbs. \$33.25.

527
Bu. per
Acre!
Average
Yield
in
3 Years
of
Testing!



New Pontiac

Potato breeders at Michigan Experiment Farm produced this "wonder potato" from seedlings of Bliss Triumph and Katahdin. New "Pontiac" has established a record for high yields, good quality and vigorous growth.

It's a midseason, red potato—round to oblong shape, with medium deep eyes and crisp white flesh. It is free from hollow heart, misshapen tubers, and more drought resistant than other varieties. A vigorous, upright grower producing heavy yields on muck as well as upland soils. Trial order: 10 lbs. for \$1.00, ppd. to 3rd zone. See Blue Figure List for bushel price.

NEW U.S.D.A. HOUMA POTATO

Developed by the U. S. Dept. of Agriculture, New Houma is very similar in appearance to Chippewa but it grows more erect and matures a little earlier than Chippewa and slightly later than Cobbler. It is highly resistant to mild mosaic and virus diseases, and withstands heat and drought remarkably well. Yields are large, and cooking quality "can't be beat." Trial order: 10 lbs. for \$1.00, ppd. to 3rd zone. See Blue Figure List for bushel price.

U.S.D.A. CHIPPEWA (Certified)

Earlier than Katahdin or Green Mountain and is especially well adapted for the Northwest. Yields higher than late varieties like Rural New Yorker, Carman or Green Mountain.

Chippewa was compared in 1938 with Cobbler in 12 counties and exceeded Cobbler in yield of No. 1 potatoes in all but 2 tests. The average difference in yield was 39 bushels. Chippewa matures a few days later than Cobbler but yields a consistently higher percentage of No. 1 tubers.

Since it matures ahead of other late varieties, it will be a most popular storage potato. Tubers are smooth, regular in outline, with very shallow eyes, excellent cookers and show high resistance to mild mosaic.

Price: 10 lbs. 85c, prepaid to 3rd zone. See Blue Figure Price List for larger quantities.

SEED POTATO EYES

We have many calls for Seed Potato Eyes from customers who wish to try our new varieties, though hesitate to pay transportation on tubers to distant points.

We offer Potato Eyes of Mesabas, Chippewas, Katahdins, Pontiacs and Houmas, while stocks are available. All will be freshly cut at time of shipment, and guaranteed to reach you in good condition.

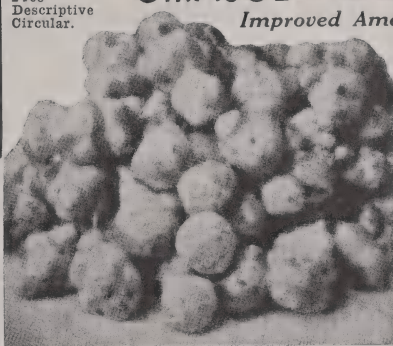
Not less than 50 eyes of a variety can be offered, and this amount should produce about a bushel of potatoes. Southern orders can be safely sent during the winter months.

Price: 50 eyes of any one variety 50c, 100 for \$1.00, 250 for \$2.25, 500 for \$4.25, 1,000 for \$8.00. Prepaid.

Free
Descriptive
Circular.

GIRASOL—"The Lazy Man's Spud"

Improved American Artichoke



Above tubers were dug from a single hill of "Girasol."

Tubers not available until April 10th as seed stock cannot be dug until after the frost is out of the ground in spring.

Artichoke
Health Foods,
Page 77.

Bushel (50 lbs.)—6 bushels will plant an acre.

A Valuable Food for Diabetics and Those Not Permitted to Eat Starchy Foods

The tubers can be eaten cooked, or served raw in salads. They contain carbohydrates in the form of inulin, instead of starch, and need not be cooked to bring out their food value. Recipe folder mailed free upon request.

Easy To Grow

Plant 3 feet apart in rows 3 feet apart. Cut tubers like potatoes.

Girasol will thrive in any soil and responds to liberal feeding, yielding bountifully. The foliage becomes so dense, that after two cultivations, weeds cannot survive. Girasol tubers are relished by livestock and poultry.

The average yield is 10 to 15 tons of tubers per acre, with an equal amount of silage from the tops. Tubers can be left in the ground until the following spring, as they are not injured by freezing.

PRICE: 5 lbs. \$1.00, prepaid to third zone only.—Not prepaid, 10 lbs. 80c, 20 lbs. \$1.50, 50 lbs. \$3.25.

Additional Potato Varieties are Offered on Blue Figure List.

Radishes—Crisp and Tender

One ounce will sow 100 feet of drill, 9 to 10 pounds per acre.

Culture—Quick growth is the secret of success. A light, rich soil is required. Sow the seed as early in the spring as the ground can be worked, and every two weeks thereafter throughout the season for succession. Sow round and globe varieties for first crop as they grow faster than the long types and soon turn pithy, so must be harvested promptly. Long types grow more slowly and endure the heat better.

Early Bird Radish

524. EARLY BIRD—Most Profitable Early Market Variety. Ready to pull in 16 to 20 days. Color: rich scarlet; flesh, snow-white, crisp, juicy and mild; shape, slightly elongated globe. It costs twice as much to produce Early Bird Radish Seed, because it is grown from transplanted roots, insuring absolute uniformity and trueness of type. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.10, prepaid.



See Color Illustration on Front Cover.

525. EARLY SCARLET TURNIP—(26 days.) Scarlet-red, flesh crisp and tender. Roots quickly grow to an inch in diameter, turnip-shaped. Excellent for early planting. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

526. EARLY SCARLET TURNIP WHITE TIP—(26 days.) A table dainty, crisp, tender and sweet. It is turnip-shaped, bright scarlet with a white tip, appealing to the eye and palate. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

529. SPARKLER—(26 days.) Similar to Scarlet Turnip White Tip, but with a larger white area. Roots round and smooth, quality excellent. Very popular with market gardeners. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.25, prepaid.



Icicle remains crisp and mild long after maturity.

530. EARLY SAXA—(22 days.) One of the earliest radishes, and slow to run to seed. Tops small, roots round and bright scarlet. A good forcing sort and for first outdoor planting. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

531. FIRECRACKER—(22 days.) Distinct in type, this radish is long and slender, vivid scarlet in color and although very early, it remains crisp and tender much longer than other early sorts. Pkt. 10c, oz. 20c, ¼ lb. 50c, prepaid. (Seed supply very short.)

NOTE—This may be your last opportunity to secure seed of Firecracker Radish, as it is grown in Europe and due to the war, we are unable to replenish our stocks.

534. COMET—(24 days.) Bright scarlet in color; globe to olive shaped, this radish matures early, but remains in edible condition a long time before becoming pithy. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.25, prepaid.

535. IMPROVED EARLY SCARLET GLOBE—(24 days.) Very early scarlet, mild and tender. Bright scarlet in color, of uniform globe shape. One of the best for forcing and outdoor planting. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

538. FRENCH BREAKFAST—(25 days.) A splendid variety for home use, oblong, blunt, about 2 inches long, it is rich scarlet in color, with a white tip. Flesh is solid, crisp and sweet. Pkt. 8c, oz. 12c, ¼ lb. 30c, lb. \$1.00, prepaid.

540. CRIMSON GIANT—(28 days.) Largest of all the early round radishes, of fine mild quality, it remains in perfect condition until an inch in diameter. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

546. WHITE ICICLE—(25 days.) The leader among the long white radishes. Pure white, very crisp and brittle, it remains mild long after maturity. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

Spinach for Healthful Greens

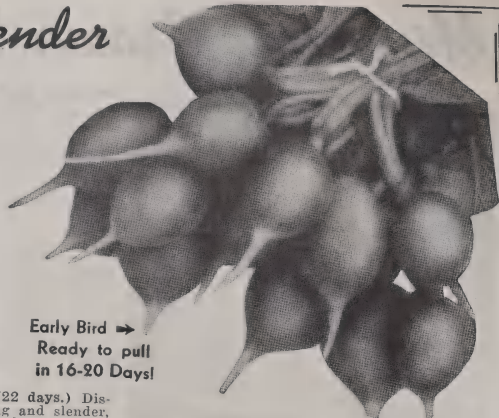
One ounce plants 100 foot row.

CULTURE—Succeeds best on rich, well drained soil. Sow early in spring, one inch deep, in rows 12 to 15 inches apart. For succession sow every two weeks until June.

584. KING OF DENMARK SPINACH—(45 days.) Highly desirable for canning and for market gardens. Large, spreading plants carry broad, rounded, very dark green leaves which are somewhat crumpled. Excellent for spring planting as it is slow to go to seed. Very hardy and of good quality. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, prepaid.

585. TENDERGREEN MUSTARD SPINACH—An Oriental type of mustard and not a true spinach. Grown for greens. It is a very desirable, quick growing, tender variety with long, broad, smooth leaves and white mid-ribs. The leaves are usually ready for cutting in 3 to 4 weeks. Dry weather will not injure the crop. The flavor of this new vegetable resembles spinach with a very mild mustard taste. The best summer green. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00, prepaid.

For Spinach Beet see Swiss Chard, page 6.



Early Bird →
Ready to pull
in 16-20 Days!

Winter Radishes

Sow in early July and allow to develop during the fall months. Dig before frost and store in a cool place.

555. CALIFORNIA WHITE MAMMOTH—(60 days.) Roots: 8 inches long, 2 inches thick; cylindrical and thickest at lower end. Flesh: white, crisp and not pungent. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

558. ROSE CHINA—(52 days.) Roots: 6 inches long, 2 inches thick, cylindrical, but thicker at lower end; blunt, smooth, bright rose-red in color. Flesh: white, very firm and pungent. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

559. LONG BLACK SPANISH—(58 days.) Roots: 9 inches long, 2½ inches thick; cylindrical, slightly tapered at tip; skin black and wrinkled. Flesh: white, solid, pungent. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

542. MIXED RADISHES—This mixture contains Early, Midseason and Late varieties. It will provide an interesting assortment for the table throughout the season. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c, prepaid.



The small fleshy leaves of NEW ZEALAND SPINACH are tender and delicious when cooked.

589. NEW ZEALAND—(70 days.) Native of New Zealand—quite distinct from other varieties of Spinach, it thrives in hot dry weather. The large spreading plants have small, thick, pointed deep green leaves, which can be picked throughout the season until heavy frost. Soak seed in warm water for several hours before planting. Pkt. 8c, oz. 15c, ¼ lb. 45c, lb. \$1.35, prepaid.

586. BLOOMSDALE SAVOY LEAVED—(39 days.) A very early, vigorous variety, desirable for home gardens, for shipping to distant markets and for canning. Plants erect in growth, hardy and attractive. Leaves large, crumpled, somewhat blistered; dark glossy green. Seeds fairly early. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.15, prepaid.

CHICAGO WARTED HUBBARD
has fine-grained orange flesh.

Squashes Bred To Highest Quality With a Flavor Rich and Sweet

SQUASH COLLEC- TION—

1 pkt. each:
Cocozelle,
Table Queen
Blue Hubbard
15c ppd.

597. BLUE HUBBARD—(110 days.) Superior in edible quality, larger in size and a better yielder and keeper than other Hubbard strains. Fruits large, round, pointed at both ends; slightly ridged, with very hard, blue-gray rind; weight 12-14 lbs. Flesh orange-yellow, thick, of fine flavor. Pkt. 10c, oz. 15c, ¼ lb. 45c, lb. \$1.40, prepaid.

598. CHICAGO WARTED HUBBARD—(110 days.) Very prolific and a good keeper. The dark green fruits are heavily warted, pointed at one end and weigh about 14 pounds. The flesh is bright orange, fine grained, dry and sweet. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, prepaid.

599. IMPROVED GREEN HUBBARD—(105 days.) A standard winter sort for home or market. Fruit: 12 inches long, 9 inches diameter; weight 12 pounds, pointed at both ends, slightly warted, dark bronze green in color; rind hard and tough. Flesh: very thick, orange-yellow, dry and sweet. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, prepaid.



Split TABLE QUEEN SQUASH in halves, scoop out the seeds, brush with butter, bake and serve.

KILL SQUASH BUG & CUCUMBER BEETLE

Squash bugs (also known as stink bugs), and Cucumber Beetles, have long been a big problem with no effective control available. Now you can protect melons, squash and cukes with non-poison Pyrocide, a new type dust, so powerful it controls these hard-to-kill pests, and most all types of sucking and chewing insects on fruits and vegetables including Aphids, Cabbage Worms, Mexican Bean Beetles, Leaf Hoppers, as well as house pests: flies, ants, roaches, etc. 5 lbs., \$1.25 Not Ppd.

**NON-POISONOUS
PYROCIDE
DUST**

HIGH KILLING POWER
UNIFORM

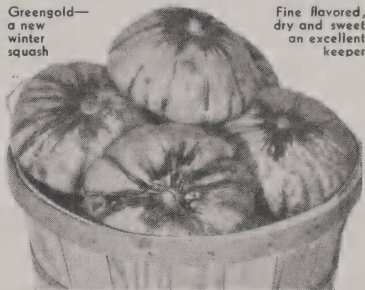
1 LB. POSTPAID **45c**

One ounce will plant 50 hills
—3 to 4 pounds per acre.

CULTURE—Sow in warm, rich soil in hills, allowing 6 seeds to each hill. When plants have 3 or 4 leaves thin them out leaving only the 3 strongest plants. For protection against the squash borer, cover the vine with soil at several joints and it will take root where covered and limit the damage done by the borer.

Greengold—
a new
winter
squash

Fine flavored,
dry and sweet
an excellent
keeper



602. NEW GREENGOLD—(100 days.) A selection from the Buttercup, superior to the Hubbard in edible quality, and of small size, 4 to 5 pounds. Color: orange-yellow background with green stripes. Very thin hard shell, deep orange flesh, dry, mealy, stringless and sweet with an exceptionally fine flavor. Small seed cavity. Greengold is a vigorous grower, with small stems and produces five to six fruits per plant. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.50, prepaid.

604. GOLDEN TABLE QUEEN—(60 days.) Somewhat larger than the regular Table Queen, and of a beautiful deep golden color. Fruits are deeply ribbed, pointed at blossom end. The orange flesh is thick, dry and of fine texture. Edible from early fall throughout the winter. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00, prepaid.

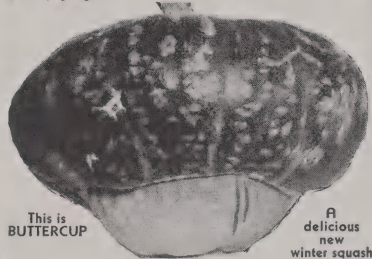
605. TABLE QUEEN—(58 days.) Early maturing and fine for home or market garden use and for shipping. Fruit: 6 inches long, 4½ inches diameter; weight 1½ lbs., acorn shaped, ribbed, smooth, thin shelled, dark green. Flesh: light yellow, bakes well, with inviting flavor. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00, prepaid.

607. KITCHENETTE—(100 days.) The smallest Hubbard squash, weighing only 5 to 7 pounds when mature. Fruits are glossy dark green, fully equal in quality to any Hubbard. A splendid keeper. Just the right size for the average family. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, prepaid.

A Summer Squash

596. COCOZELLE (Italian Vegetable Marrow)—(65 days.) A bush variety. The fruits are most delicious when only 4 to 6 inches long. At this stage they may be sliced with the skins on, boiled from 20 to 30 minutes and served with butter, salt and pepper. If kept picked they will continue to bear until frost. Mature fruits are 20 inches long, smooth, dark green with lighter stripes, which change to deep yellow when ripe. The flesh is pale green, thick, firm and tender. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, prepaid.

601. NEW BUTTERCUP—(100 days.) This squash is acorn-shaped and has all the seeds in the blossom end, where they can be removed with a twist of the knife. The rest of the fruit is solid orange flesh, fine-textured and dry. Weight about 3½ lbs.; rind thin and tough. A splendid winter squash, unexcelled in quality. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, prepaid.



This is
BUTTERCUP

A
delicious
new
winter squash

600. GOLDEN HUBBARD—(100 days.) Like Green Hubbard, but earlier, somewhat smaller and more prolific. The skin is deep orange-yellow, flesh golden-yellow, fine grained and of excellent quality. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, prepaid.

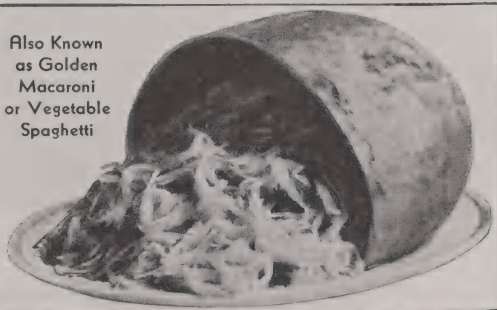
603. DELICIOUS—(102 days.) Top-shaped fruits, 7 to 8 pounds. Skin dark green, with light green stripes toward the blossom end; flesh orange, dry and of delicious flavor. A splendid keeper. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, prepaid.

**MARKET GROWERS—
Ask for Special Price List**

Noodle Squash

314. Smooth, creamy-white fruits, 8 inches long and 5 inches thick. Pick when well matured. Store like squash for winter. Before cooking, puncture one end, place in kettle of hot water and cook 30 minutes. Cut in half, remove center seed core, and flesh will fall out in shreds, suggestive of spaghetti. Serve hot with salt and butter, or with a cream sauce. Pkt. 8c, oz. 20c, ¼ lb. 70c, prepaid.

Also Known
as Golden
Macaroni
or Vegetable
Spaghetti



Spinach and Squash Contain Vitamins A and B so Essential to Growth and Health
at All Ages.

Tomatoes, Meaty and Full-Flavored

One Ounce Produces 2,000 Plants, 1/4 Pound to Transplant an Acre

CULTURE—The time from setting out plants to marketable stage is listed here. For early plants, sow the seed in flats or hotbeds, in March. Cover with soil to a depth of one-half inch. The seed germinates in 6 to 12 days. When the plants are 3 inches high, transplant them to other flats, or preferably to paper pots, giving each plant 4 inches of room. About the end of May, set the plants out in the garden, 3 feet apart each way. Pinching off some of the stems will make the plants bear more abundantly.

New Disease-Resistant Strains



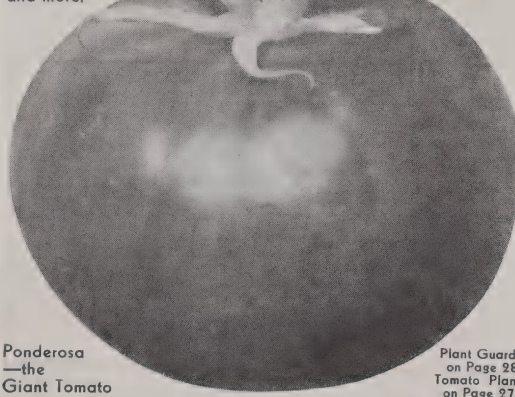
Rutgers—An ideal canning and juice tomato with very firm red flesh.

Novelty Tomato Collection

Grow these Tomatoes and delight your family with a salad composed of alternate slices of golden yellow, frosty white and rich red.

One	Mingold — Yellow	30c
Pkt.	Snowball — White	
Each	Skyliner — Red	

Ponderosa
Tomatoes often
weigh a pound
and more.



Ponderosa
—the
Giant Tomato

610. RUTGERS—(73 days.) Originated by the New Jersey Experiment Station. This tomato is a consistently heavy cropper. The fruit is uniform, globular, smooth, of medium size and very solid, with heavy cross walls and small seed cavities. It ripens evenly from the inside out, to a uniform bright scarlet color, is mildly acid and of pleasing taste. Especially valuable for slicing and in the making of sparkling bright red juice. Pkt. 8c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.10, prepaid.

617. PRITCHARD OR SCARLET TOPPER—(73 days.) A scarlet, self-topping, disease-resistant variety. It is highly productive, of excellent quality, and very valuable for market garden use and for long distance shipping. Fruit: large, smooth, solid, with thick walls and cross sections; color light scarlet. A tasty tomato either sliced or canned. Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25, prepaid.

See Back Inside Cover for Color Illustration.

618. SCARLET DAWN—(70 days.) A Gold Medal Winner. Fruit: very large with thick wall structure—globular, smooth, free from flat sides and puffiness. Color: bright scarlet, ripening well to the stem. Very attractive and appetizing in salads. Spicy tomato juice or snappy catsup sauce. Pkt. 8c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.10, prepaid.

608. PENN STATE—An All-American Winner. A splendid, early tomato with attractive medium sized fruit of nearly globular shape and rich even scarlet color—with no blemishes. Flesh is of superb quality and flavor with rich dark red color, very little core and few seeds. Valuable for home or market because of earliness and tremendous yield. Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25, prepaid.

Two Giant Strains

636. CRIMSON CUSHION OR BEEFSTEAK—(80 days.) Very large, round, and uniform, bright scarlet in color. Flesh is solid and meaty, of deliciously mild flavor, with only a few small seed cells. The vines grow from 8 to 10 feet high, and may be trained or tied to a trellis, forming a most ornamental fence for the vegetable garden. If planted early, Beefsteak will ripen by the middle of July, and continue to bear until killed by frost. Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25, prepaid.

639. PONDEROSA—The Giant Tomato—(88 days.) A splendid sort for home use and for canning, as the fruits are so solid, meaty and free from acid. Fruit: very large, flat, purplish pink, solid, with small seed cells, of inviting flavor. Pkt. 15c, 1/2 oz. 40c, oz. 65c, 1/4 lb. \$2.25, prepaid.

Plant Guards
on Page 28
Tomato Plants
on Page 27.

A Bison Tomato Plant Showing
the Large Fruit Clusters.



Grown
by Elmer
E. Smith,
Tonawanda,
N. Y.

Earliest Varieties

619. NEW VICTOR—Produces large clusters of fine, deep scarlet tomatoes, uniform in size, even-ripening, exceptionally smooth and resistant to cracking and sunscald. The plants are vigorous and prolific; foliage is of the self-pruning type. Excellent for early home and market use, and especially suited to growing conditions in the Northwest. Pkt. 15c, 1/2 oz. 40c, oz. 65c, 1/4 lb. \$2.25, prepaid.

Illustrated in Color on Front Cover

609. EXTRA EARLY BISON—(63 days.) Developed by Prof. Yeager, North Dakota, Agricultural College. In repeated trials it has produced an early and very heavy crop under conditions that would mean failure to most sorts. Fruit a little larger than Earliana, deep scarlet, meaty, few seeds and of finest quality. Bison has produced over 40 pounds of ripe fruit on our plant. Matures a few days ahead of Earliana but far superior in yield and quality of fruit. Pkt. 10c, 1/2 oz. 35c, oz. 50c, 1/4 lb. \$1.50, prepaid.

611. SCARLET EXTRA EARLY JUNE—(60 days.) This tomato ripens a whole week earlier than Earliana, and is very productive. Fruits are of large size for an early sort, deep glossy scarlet, and ripen uniformly, the stem end coloring up perfectly. Flavor is delicious, fruit is firm and meaty, with few seeds. Pkt. 8c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.10, prepaid.

612. SPARKS EARLIANA—(65 days.) Fruit: flattened, medium size, firm, bright red, quite smooth. Vine: open spreading, medium small. A first early sort, widely used for home gardens and truckers. Pkt. 5c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00, prepaid.

628. JOHN BAER—(70 days.) Here is an excellent early sort maturing between Earliana and Bonny Best. Excellent for local market gardening and canning. Fruit: medium sized, semi-globular, very attractive, bright scarlet-red, smooth and firm. Vine: of medium height and open growth. Pkt. 5c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00, prepaid.

635. BONNY BEST—(74 days.) A standard second early variety, valuable for market gardeners, shippers and canners and perhaps the most generally grown variety. Fruit: medium sized, apple shaped, smooth, solid, bright scarlet color of fine quality. Pkt. 5c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00, prepaid.

HOTKAPS are waxed paper cones, easily set out in quantity over seed or growing plants. They guard against rain, frost, cold, wind, hail, birds and insects, and maintain perfect mulch. See Page 28 for Prices.

Novelty Tomatoes for Variety



Mingold—An attractive new Yellow Tomato, rich in Vitamin D.

New Climbing Tomato

622. SKYLINER—This amazing tomato grows to a height of more than 10 feet and yields of two bushels and more have been reported from a single vine. The vines grow rapidly and produce large crimson fruits averaging $3\frac{1}{2}$ inches across and more than 3 inches deep—at times a 5-inch tomato steals the show. They have a solid meaty center, excellent flavor and fine shipping qualities. The vines are blight and drought resistant. Make your garden the "talk of the town" by growing Skyliner. Pkt. 15c, $\frac{1}{2}$ oz. 50c, oz. 85c, $\frac{1}{4}$ lb. \$2.75, prepaid.

See Color Illustration, Page 80

Snowball an Ivory-White Tomato—Acid-Free!

637. SNOWBALL—A beautiful ivory-white tomato, everyone can enjoy as it contains less acid than any other variety. The flesh is alabaster-white, firm and meaty with a mild, rich flavor. The fruits are similar to Golden Ponderosa in size and shape. Pkt. 10c, $\frac{1}{2}$ oz. 50c, oz. 90c, prepaid.



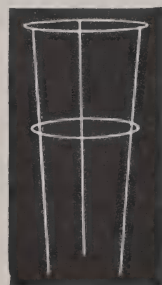
This is Wm. Harju of Paynesville, Mich. Read what he has to say about these vegetables in his letter on page 11.

615. NEW MINGOLD—1940 All-America Silver Medal Winner. An early yellow-fruited sort, introduced by the Minnesota Experiment Station. Of fine flavor, it fills the growing demand for Yellow Tomato Juice and sliced with the reds, makes a colorful salad. The fruits are medium large, nearly globular, solid, with thick walls and cross sections. Pkt. 10c, $\frac{1}{2}$ oz. 40c, oz. 75c, prepaid.

616. OXHEART—(90 days.) In shape it's different from any other tomato. It is of great size, has very thick flesh and is almost seedless. Excellent in salads. Fruit: extremely large, heart shaped, pink; very solid, meaty, and of mild flavor. Vine: open, spreading, fairly productive. Pkt. 10c, $\frac{1}{2}$ oz. 35c, 1 oz. 60c, $\frac{1}{4}$ lb. \$2.15, prepaid.

644. FARGO YELLOW PEAR—A delicious early tomato of novel appearance. An ideal sort for making fancy pickles, preserves, canning, etc. Fruit is pear shaped and of attractive golden color. Easily grown and yields wonderfully. Do not fail to try it. Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 50c, prepaid.

653. GROUND CHERRY OR HUSK TOMATO—(86 days.) This is not a true tomato. Used as a novelty and for preserves. Flavor is outstanding. Excellent in combination with oranges, lemons or ginger. Fruit: small, yellow, round, enclosed in a loose, papery husk. Of delicate flavor. Vine: spreading and flat. Pkt. 8c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, prepaid.



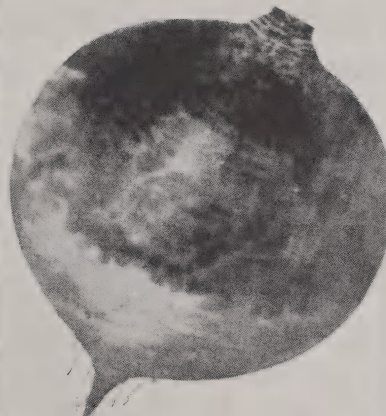
Tomato AND Peony SUPPORTS

Made of strong galvanized wire—will not rust. The most satisfactory plant support on the market. Inexpensive—will last for years.

Diameter Top Ring	Height	Gauge Wire	Not Prepaid 2 for	5 for
14 in.	30 in.	6	\$0.50	\$1.00
18 in.	30 in.	6	.60	1.20
18 in.	30 in.	3	.80	1.60

Weight of 6-gauge wire supports, 2 lbs. each.
Weight of 3-gauge wire supports, 3 lbs. each.
If wanted by mail, include postage with order.

Tender Turnips for Your Table



American Purple Top Rutabaga is creamy yellow, solid and crisp. A heavy yielder and good keeper.

Rutabagas

698. IMPROVED AMERICAN PURPLE TOP RUTABAGA—(88 days.) Our special strain is noted for its uniformity of shape and heavy yield. A dependable variety. Keeps well and of excellent quality. Roots: 5 to 7 inch diameter, large, round with small neck and slight tap root; yellow with purple top. Flesh: light yellow, firm, sweet and tender. Pkt. 8c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.00, prepaid.—Not prepaid, 5 lbs. at 90c per lb.

701. F. S. & N. CO'S EARLY NECKLESS RUTABAGA—A new variety and a great improvement over Purple Top Yellow Rutabaga. It is earlier—entirely neckless—free from side roots, round and uniform. The flesh is white, fine grained and sweet. Another money-maker for market gardeners and a quality vegetable that sells on sight. Pkt. 8c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.00, prepaid.—Not prepaid, 5 lbs. at 90c per lb.

One ounce will sow 125 feet of drill—2 pounds per acre in drills; 3 pounds broadcast.

CULTURE—Turnips and Rutabagas do best in highly enriched, light loam soil. In rich soil and cool weather, they grow rapidly, without becoming bitter in flavor. Sow in April, in drills 12 to 15 inches apart, and thin out to stand 8 inches apart in the row. Rutabagas require a longer growing season than turnips and need more moisture. When full grown, they should be pulled, topped and stored in a cool cellar or pit. If cool and sufficiently moist to prevent withering, they will keep all winter.

681. EXTRA EARLY PURPLE TOP MILAN TURNIP—(40 days.) An extra early sort for home garden and truckers. Of excellent quality. Roots: 4 inch diameter, very flat, white with purple top. Flesh: clear white, fine grained, sweet and tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c, prepaid.—Not prepaid, 5 lbs. at 55c per lb.

683. WHITE EGG TURNIP—(55 to 60 days.) An early variety adapted for either spring or fall sowing. Roots: $2\frac{1}{2}$ inch diameter— $3\frac{1}{2}$ inches long; egg-shaped, white throughout; smooth, fine grained and of excellent quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c, prepaid.—Not prepaid, 5 lbs. at 50c per lb.

685. PURPLE TOP WHITE GLOBE TURNIP—(58 days.) Our pure bred strain is noted for its uniformity and productivity. Roots: 4 to 6 inch diameter, large globe shaped, very smooth, upper part purple-red, white below. Flesh: white, sweet, crisp and tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c, prepaid.—Not prepaid, 5 lbs. at 50c per lb.

686. EARLY PURPLE TOP STRAP LEAVED TURNIP—(45 days.) A medium early productive variety, used extensively for home and market garden planting. Roots: 3 to 5 inch diameter, flat, purple red at the tops, white below. Flesh: white, fine grained and tender. Tops, medium, upright and compact. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c, prepaid.—Not prepaid, 5 lbs. at 50c per lb.

Use "Twist-Ems," the Perfect Plant Ties to Fasten Tomato Plants to Supports.
See Page 36 for Prices.

Vegetables for the Epicure

Curled Endive for

Crisp Salads



Kale or Borecole

This member of the cabbage family does not form heads, but is grown for greens. Can be sown late, as plants continue to grow late in the season. A heavy frost improves the flavor and quality of the thick, crumpled leaves.

75. DWARF GREEN CURLED—Plant is low and compact with large, bright green leaves, curled, and wrinkled. A healthy vegetable, and one of the most palatable when well cooked. Pkt. 8c, oz. 15c, ¼ lb. 35c, lb. \$1.00, prepaid.

76. TALL GREEN CURLED SCOTCH—Hardy plants with leaves deeply cut: curled at edges, light green in color. Very tender after exposure to frost. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, prepaid.

Celeriac—See Page 9

Leek and Mustard—See Page 16
Vegetable Spaghetti—See Page 23

Garden Huckleberries

Make Delicious Pies, Preserves
and Jams



655. The berries are borne in clusters and when ripe are a shining black color, about ½ to ¾ inch in diameter. Plants grow 3 feet tall and thrive on any soil. Culture same as for tomatoes. Pkt. 10c, ½ oz. 40c, oz. 65c, prepaid. See recipe below.

Recipe for Huckleberry Pie

Wash and stem 2½ quarts berries, cover with water and let come to a boil. Add ½ teaspoon soda, boil one minute and drain. Add one cup cold water to berries, cook until soft, then mash and add 1½ cups sugar, juice of ½ lemon and boil about 15 minutes. Remove from stove and cool. When ready to put in pie crust add one tablespoon tapioca. Dot with butter, add top crust and bake.

For canning, use above directions (omitting tapioca and butter) cooking berries at least 45 minutes after sugar and lemon juice have been added. Pour into sterilized jars and seal.

Egg Plant

One ounce will produce 1,000 plants.

Sow seed in hotbed in March, when an inch high, pot in 3-inch pots. Set out about June 1st, 2½ feet apart.

302. BLACK BEAUTY—Desirable for the northern states. Earlier than New York Spineless. The fruits are broad, thick, of most attractive form and finest flavor. Their rich, lustrous, purple color is very uniform. Pkt. 8c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00, prepaid.

Endive

304. FLORIDA DEEP HEART—(88 days.) A great improvement over the Broad Leaved Batavian; the plant is large and vigorous, with broad, thick leaves; many infolding leaves form a deep compact heart, well-blanching and of excellent quality. Pkt. 8c, oz. 15c, ¼ lb. 35c, lb. \$1.10, prepaid.

305. GREEN CURLED—A very beautiful sort of which the leaves are very light colored, even the outer ones being nearly white. They are crisp and tender. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 90c, prepaid.

Herbs

To Flavor, Season and Garnish

To keep over winter, cut on a dry day, just before they are in full bloom. Dry in the shade and store in air-tight Mason jars.

663. DILL—Seeds have an aromatic odor and pungent taste. Used for pickles. Pkt. 5c, oz. 10c, ½ lb. 65c, lb. \$1.10, prepaid.

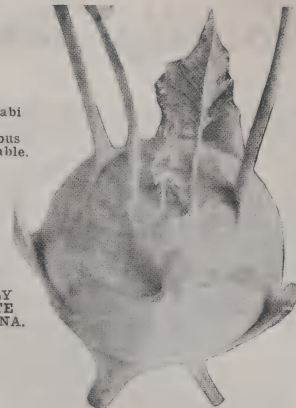
671. MARJORAM—The young, tender tops are used green for flavoring, or they may be dried for winter use, for flavoring broths, dressings, etc. Pkt. 8c, oz. 40c, prepaid.

674. SAGE—The leaves and tops are used very extensively for seasoning. Pkt. 10c, oz. 60c, prepaid.

675. SUMMER SAVORY—A hardy annual. The dried stems, leaves and flowers are fine for flavoring soups, dressings, etc. Pkt. 8c, oz. 40c, prepaid.

676. THYME—The young leaves and tops are used for seasoning soups, in dressings, etc. Pkt. 10c, oz. 50c, prepaid.

Kohlrabi is a delicious vegetable.



This is EARLY WHITE VIENNA.

Kohlrabi

One ounce for 200 feet of row.

Sow the seed in light, rich soil as early in spring as possible. Thin to 6 inches apart in the row. Sow at intervals of 10 days for successive crops. Ready for use when 2 to 2½ inches in diameter.

310. EARLY PURPLE—(62 days.) Dwarf plants having short, green leaves with purple stems and veins. Bulbs globular purple, with white, tender flesh. Pkt. 10c, oz. 25c, ¼ lb. 80c, lb. \$2.75, prepaid.

311. EARLY WHITE VIENNA—Very handsome white fruit. Excellent both for forcing and open ground; flesh white and very tender; leaves short. Pkt. 10c, oz. 25c, ¼ lb. 85c, lb. \$3.00, prepaid.

Salsify Vegetable Oyster

One ounce for 100 feet of row. Sow early and quite deep, giving same culture as for parsnips. The roots when cooked are appetizing and nutritious, with a mild, oyster-like flavor.

592. MAMMOTH SANDWICH ISLAND—An improved variety with roots 6 to 8 inches long, 1 to 1½ inches thick, tapering, smooth, dull white. Plants 3½ feet tall. Pkt. 8c, oz. 15c, ¼ lb. 50c, lb. \$1.50, prepaid.

DO YOU NEED



BABY CHICKS—A big year looms ahead for poultry raisers. Now is the time to plan for real poultry profits and it is most important to get dependable chicks. We will contact hatcheries supplying the quality our customers deserve.

GINSENG AND GOLDEN SEAL—An opportunity for big profits is open to those who will follow expert advice. Full information regarding culture and prices will come direct from growers.

Write—Service Department, Farmer Seed & Nursery Company, Faribault, Minnesota.

Would you like to grow GINSENG and GOLDEN SEAL?

Let us help you find a dependable source of supply. We receive many inquiries from our good friends about items which we do not offer in our catalog, and will be glad to see that they receive full information, prices, etc., direct from producers, without obligation.

NEW HORMONE TRANSPLANTING KIT

Includes the amazing new Hormone Powders described in leading magazines. With this new, low cost method, using scientific products, you can grow more tomatoes—bigger, better cabbages, cauliflower, peppers, beans, turnips, sweet potatoes and other garden vegetables. Market growers report 15 to 50 per cent greater yields—1 to 3 weeks earlier maturity. Simple and easy to use. This complete plant starter kit contains one pkg. each of the following materials:

Hormone Seed Treating Powder for bigger rooted, stronger plants; enough to treat up to 20 lbs. of seed.	\$0.25
Transplantone (hormones and vitamins) to cushion transplanting shock and form multiple roots; enough to transplant 400 to 800 plants.	.25
Concentrated Plant Manna, a complete balanced plant food which contains Vitamin B1 and all primary and secondary plant foods to speed growth, cancel soil deficiencies and accelerate blooming; enough to fertilize 400 to 1,200 plants.	.50
Hormone Spray Concentrate (liquid) to fortify pollination, hasten maturity and increase "set"; makes 10 gallons spray solution, enough to spray your plants several times.	.50
Total value.	\$1.50
All packed together with complete instructions on how to hormone-treat and fertilize all common vegetables. Complete kit postpaid for only.	\$1.29

Our Vegetable Plant Department

On plant orders less than 60c, add 15c for packing

Transplanted Vegetable Plants

We supply good healthy transplanted plants of all the varieties listed below, in their proper season. As soon as the transplants are taken from the flats in the greenhouse they are wrapped in moist moss and covered with oil paper, and mailed at once. Ask for prices in larger quantities.

We cannot accept shipments beyond the fourth zone (600 miles) at prices quoted—all shipments beyond fourth zone at customer's risk.

On Plant Orders Less Than 60c, Add 15c for Packing.
50 or more plants at the 100 rate. Ppd. to 3rd Zone.

CABBAGE, Early. Ready in April and May. Marion Market (yellows resistant) midseason, Early Jersey Wakefield, Copenhagen Market, Golden Acre, earliest, flat head. \$8.00 per 1,000.	25c	per Dozen
CABBAGE, Late. Ready in June. Hollander or Danish Ballhead (yellows resistant). \$8.00 per 1,000.	25c	per Dozen
CELERY, Early. Ready in June. Golden Self Blanching, Golden Crisp (green). \$9.50 per 1,000.	\$1.00	per 100 postpaid
SWEET POTATO PLANTS. Ready in May and June.	30c	per Dozen
CHIVES. Ready in April. Per bunch, about 1 doz. plants.	200	per 100 postpaid
TOMATOES. Ready in May and June. Victor, Scarlet Topper, Earliana, Ponderosa, Rutgers, John Baer, Oxheart, Bison. \$10.50 per 1,000.	100 for 75c 200 for \$1.25 500 for \$2.50	Postpaid
TOMATO PLANTS. Field Grown. Earliana, John Baer, Bonny Best, Ponderosa.	35c	per Dozen
CAULIFLOWER. Ready in April and May. Super Snowball.	\$2.00	per 100 postpaid
EGG PLANT. Ready in May and June. Black Beauty.	35c	per Dozen
GROUND CHERRY. Ready in May and June.	\$2.00	per 100 postpaid
PEPPER. Ready in May and June. Hungarian Early (Hot Pepper) Minnesota Wonder.		

Frost-Proof Cabbage Plants

No Delivery Beyond 4th Zone (600 Miles).

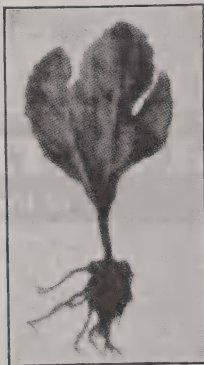
On plant orders less than 60c, add 15c for packing

These plants are extremely hardy, and produce the earliest cabbage, fully three or four weeks ahead of any other plants. They are grown in Texas, during the winter, when the weather is often freezing, enduring cold rains and sleet. They can be set out as soon as the ground can be worked and are not injured by shipping or transplanting, as they make strong growth.

We offer the three best sorts in bundles of about 100 of a kind only, which cannot be divided. Prices include postage. EARLY JERSEY WAKEFIELD. FLAT DUTCH, COPENHAGEN MARKET, DANISH BALLHEAD, MARION MARKET or GOLDEN ACRE.

70c	200 for \$1.25
per 100 plants postpaid	500 for \$2.50
	1,000 for \$4.00

Postpaid to 4th zone (600 miles). Not available after May 1.



Frost-Proof Cabbage.

Surplus Vegetable Plants

At times we have a surplus of certain varieties of Cabbage, Tomato and other vegetable plants, after a day's packing.

We offer these at sacrifice prices, since usually new plants are coming on. All will be in good condition, and the best varieties.

SURPLUS ASSORTMENT OFFER: (Available only after May 20)—Consists of 100 vegetable plants, including cabbage, tomatoes, ground cherries, and other assorted kinds—our selection. **\$1.50 Value for 95c postpaid**

New MacDonald Red Rhubarb

This is the new strain becoming immensely popular with growers everywhere, on account of its bright crimson color. It originated in Quebec. Produces large tender stalks, very succulent, and has a bright raspberry color when cooked. 35c each, 3 for 85c, 12 for \$2.75, prepaid to 3rd zone.—Not prepaid, 100 for \$20.00.

35c each
3 for 85c
prepaid

MacDonald Rhubarb.



New Ruby Rhubarb

A new intensely red rhubarb originated in Canada. Even the inside of stalk is red. Makes delicious rhubarb sauce. Price: strong roots 40c each, 3 for \$1.00, 12 for \$3.25, prepaid to 3rd zone.

Victoria Rhubarb

The Old Standard Variety

Set roots out in spring or fall, in rows 4 feet apart so the crowns are an inch below the surface. Do not pull stalks the first season. Plants set out in the spring will bear quite abundantly the following season. Price: 3 for 35c, 12 for \$1.35, postpaid to 3rd zone.—Not prepaid: 100 for \$5.00.



Horse-Radish.

Northern Horse-Radish Roots

Commercial growers want Minnesota grown native planting roots for clear white, disease-free flesh. Recent tests have shown our roots to be far superior to those previously grown.

It is just as important to change planting stocks in growing Horse-Radish as it is in growing potatoes to maintain best quality and yields. Price: 12 for 35c, 50 for 85c, 100 for \$1.50, prepaid.—Not prepaid, 1,000 for \$9.50.

50 for 85c
PREPAID

Rust Resistant Asparagus Roots

The soil should be deeply dug, and plenty of fertilizer mixed in, before the roots are set out in rows 3 feet apart and 1 1/2 feet apart in the rows. The plants should be set so that the crowns are 2 inches below the surface. Heavy one-year-old plants are considered best for setting out.

New Early Paradise

A sensationally new early maturing variety—produces normal crop one year earlier than other varieties and gives heavier production throughout its life. Large crisp, tender stalks—exceptionally fine mild flavor. Only 6 to 8 stalks required to the pound. A new, better, rust-resistant variety that will take the country by storm.

Paradise Roots: Heavy, one-year-old, 25 for 60c, 50 for \$1.00, 100 for \$1.75, prepaid to 3rd zone.—Not prepaid: 500 for \$4.75, 1,000 for \$9.00.

Washington

Tips are firm and tight, and do not open out until quite tall. They are dark green and thick, of beautiful appearance when bunched.

Price: No. 1 one-year-old roots, 25 for 50c, 50 for 80c, 100 for \$1.40, prepaid to 3rd zone.—Not prepaid: 500 for \$4.50, 1,000 for \$7.75.

Ask for free circular, "How to Grow Asparagus"

Bermuda Onion Plants

300 Plants for 100 ft.
100,000 for 1 Acre.

Not available After May 1st.

To mature extra early, these are grown in Texas, under winter conditions that make them extremely hardy and vigorous. They produce the finest flavored mild onions, in just a short time. They are excellent to grow for green onions, early in spring, or they may be allowed to develop to their full size and used in the fall. They grow large and are fine for market.

We ship Onion Plants at proper time for setting out. In bundles of 75 to 100 plants each.

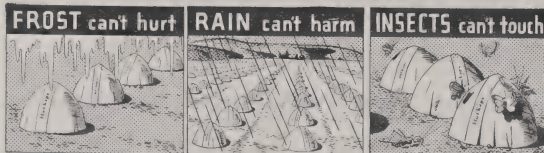
Prices: Two bundles 45c, 5 bundles 90c, 10 bundles \$1.50, prepaid to 4th zone. Case of 60 bundles \$4.50, not prepaid, weight 35 lbs.

2 bundles for only 45c prepaid

5 bundles for 90c
10 for \$1.50 prepaid

Minimum Orders from This Page 60c, on Smaller Orders Add 15c for Packing

Hotkaps Protect Your Garden!



HOTKAPS are waxed paper cones, easily set out over seed or growing plants. They guard against rain, frost, cold, wind, hail, birds and insects, and maintain a perfect mulch. Yield is increased and hastened. Flowers and vegetables mature two to three weeks earlier.

"HOME PACKAGE" HOTKAPS

	Prepaid to 3rd Zone	Not Prepaid
25 Hotkaps and cardboard setter.....	\$0.70	\$0.60
100 Hotkaps with tin setter and tamper.....	3.00	2.75
250 Hotkaps with tin setter and tamper.....	4.50	4.00

Steel Hotkap Setter and Tamper.....
\$1.60, prepaid.

Tin Setter, each 60c, prepaid.
Steel Tamper, 35c, prepaid.
Weights: 100 Hotkaps, 5 lbs.;
250, 9 lbs.; 1,000, 28 lbs.

HOTKAPS ONLY

	Prepaid to 3rd Zone	Not Prepaid
100 Hotkaps.....	2.25	1.90
250 Hotkaps.....	4.00	3.50
500 Hotkaps.....	6.50	5.90
1,000 Hotkaps.....	11.35	10.50

Sage Hi-Caps

A New Type of Plant Protector
Guards plants against rain, frost, insects, wind, birds and crusting. Makes earlier marketing possible. Hi-Caps are especially designed for growing tomatoes and other high growing plants. Well ventilated—amply large, 10 in. diameter at base and 12 in. high. Reinforced construction. One man can set 3,000 in one day. Hi-Caps are economical and inexpensive to use.



Price: No. 2020— 20 Hi-Caps and Paper Setter, 60c ppd.
No. 501— 50 Hi-Caps and Paper Setter, \$1.10 ppd.
No. 250— 250 Hi-Caps only, \$4.15 ppd.
No. 1000— 1,000 Hi-Caps only, \$11.50, not ppd.
5,000 Hi-Caps at \$11.25 per M, not ppd.
Light Weight Aluminum Setter (2 lbs.)—each, \$1.65 ppd.

NEW HORMONE TRANSPLANTER KIT See Page 26

Neponset Flower Pots

Adapted for growing, transplanting or shipping. Made of tough, waterproof green paper, eliminating breakage. Permits speed in handling and more economical than clay pots. Used by the best gardeners everywhere, the green pots are somewhat heavier for frequent handling. Weight 4 in., 52 lbs. per 1000.

PRICES:	25	100	1,000
2 1/2-inch, green.....	\$0.35	\$0.95	\$7.00
3-inch, green.....	.35	1.10	7.90
3 1/2-inch, green.....	.45	1.30	9.90
4-inch, green.....	.50	1.45	10.90
5-inch, green.....	.60	1.85	15.75



NEPONSET RED POTS

Not quite as heavy as the green—will stand up under reasonable moisture for several weeks. Used extensively for transplanting and shipping. Reinforced disc in bottom.

PRICES:	25	100	1,000	Weight
2 1/2-inch pots.....	\$0.30	\$0.75	\$4.90	16 lbs.
3-inch pots.....	.35	.80	5.30	24 lbs.
4-inch pots.....	.40	1.10	7.40	46 lbs.
5-inch pots.....	.50	1.40	10.10	74 lbs.

Neponset Plant Bands

For starting and growing seedlings—shipping young plants—protection against cutworms.

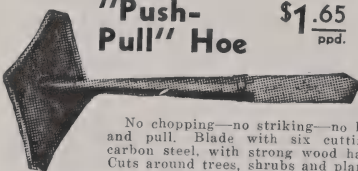
Neponset Plant Bands are made of heavy durable, waterproof paper. The ingenious side locking construction makes for convenience in setting up.

Plant Bands: Size 2-inch—100 for 55c, prepaid. Not prepaid—500 for \$2.00, 1,000 for \$4.60. Three-inch size, for larger plants, 100 for 65c, prepaid.—Not prepaid, 500 for \$2.65, 1,000 for \$4.75.

"Push-Pull" Hoe

\$1.65
ppd.

New Time and Labor Saver.



No chopping—no striking—no lifting. Just an easy push and pull. Blade with six cutting edges—made of high carbon steel, with strong wood handle. Easy on the back! Cuts around trees, shrubs and plants. Price: \$1.65, prepaid.

Berry Boxes and Crates

We list only American Baskets since they comply with all state and federal laws—Ewald and old style high bottom boxes are not offered by us this season.

AMERICAN ONE-QUART BASKETS



All made up—firmly constructed—standard size—packed nested. Our best seller and most economical to use. Price: 100 baskets, \$1.20 prepaid to 3rd zone, 500 baskets, \$3.95, 1,000 baskets, \$6.95 f. o. b. Faribault.
PINT SIZE BASKETS—100 for \$1.10 prepaid to 3rd zone, 500 for \$3.75, 1,000 for \$6.75 f. o. b. Faribault, express or freight.

CRATES FOR AMERICAN BASKETS

Sixteen-quart crates—100, \$18.00; less quantities, 20c each.
Twenty-four quart crates—100, \$20.00; less quantities, 22c each.
Twenty-four pint crates—100, \$16.00; less quantities, 18c each.
F. O. B. Faribault.
Weight: 100 quart baskets—13 lbs. 500 packed in one crate—65 lbs. 125 Folding quart boxes, with one crate—15 lbs.
Square Berry Box Bands (Quart size)—For starting melons, squash, cucumbers, etc. in hot beds or cold frames—Packed flat, 100 for 65c, prepaid; 500 for \$2.25, 1,000 for \$4.25, not prepaid.

Cutworms? Veneer Plant Guards

Protects plants from damage by cutworms—acts as fertilizer.

Place around the plants just after planting. After 8 to 10 weeks the bands are absorbed by the soil and act as a fertilizer. Set bands about two inches in the soil. Shipments: Freight or Express.

Price: 3x8-in. Bands (packed flat), 100 for 60c, prepaid.—Not prepaid, 500 for \$1.35, 1,000 for \$2.25.

4x10-in. Bands, 100 for 85c, prepaid.—Not prepaid, 500 for \$1.70, 1,000 for \$3.25.

5x12 Bands, 100 for \$1.00, prepaid.—Not prepaid, 500 for \$2.50, 1,000 for \$4.50. Weight, 25 lbs. per 500.

WHITE ELM TREE PROTECTORS—10x20, packed flat, 50 for 95c, 100 for \$1.65, prepaid.



Masters Rapid Plant Setter

The only practical tool for transplanting all kinds of plants—Tomatoes, Cabbage, Cauliflower, Pepper, Egg Plant, etc. Not recommended for Strawberry Plants.

Each plant is set, watered and covered in one operation, without any stooping or lame backs. Cuts labor to one-third. With the Masters Rapid Plant Setter, one man will set 8,000 to 15,000 plants per day—this is more than three men can do by hand.

Does Perfect Work.

The roots of each plant are put into the ground in a natural position and firmly set by the absorption of the water into the ground. This is "Nature's Own Way." Transplanting is reduced to the minimum. The tiny roots are sucked into the ground almost as though they grew there and the plant takes hold and starts to grow at once.

Thousands are in use—they are guaranteed to satisfy you fully or money back. This Setter will pay for itself within the first week of use. Price: \$5.60, prepaid to 3rd zone (300 miles). Weighs 7 lbs.



A LITTLE LIBRARY of Useful Information

Booklets of practical information showing plans for making things. Everything described, tested. Order Little Library Booklets by number. Only 25c each, 5 for \$1.00, prepaid.

6. COLORED CONCRETE GARDEN FURNITURE

Complete plans and simple details so you can make, for fun or profit, garden benches, pottery without mold, flower boxes, bird baths and sundial pedestals in beautifully colored artificial "stone." These attractive articles are permanent additions to any home. Also, how you can build a small concrete mixer from old auto parts and a 60-gallon barrel.

7. BIRD HOUSES

Easy to build homes for all kinds of birds. Complete plans and illustrations, for colony houses, four-apartment log cabins and single apartment houses of rustic design. Also, how to build attractive bird baths, cages, feeding stations and table-top aviary.

19. HOME WORK OPPORTUNITIES

Simple handicraft projects anyone can do to earn money in their spare time. There are crane-puller novelties, sheet metal decorative objects, useful things made of oilcloth, such as knitting bags, waste baskets and shoe containers, re-caning of old chairs and trays.

14. LOG CABINS AND TOURIST COTTAGES

Two distinctive types of year-round cabins of logs. One of stockade walls of vertical split logs which do away with chinking and saddle-notching. The other is made of logs with corner notching. Also plans for attractive and inexpensive tourists' cabins which you can build easily.

16. GARDEN WOODWORK AND FURNITURE

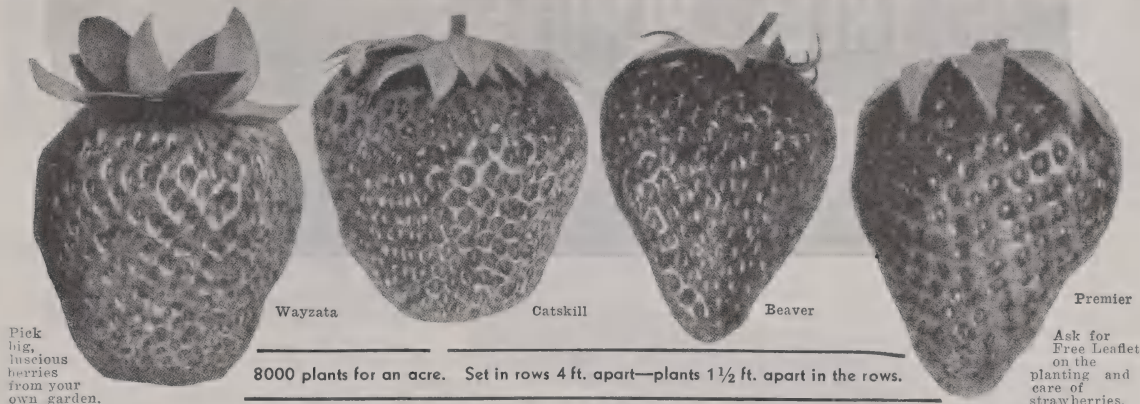
Gives plans and details for fixing up your outdoor living room and beautifying your garden. In addition to ornamental structures, such as pergolas, arbors and seats, it tells how to dress up your home with trellis, fences and attractive outdoor furniture.

27. TRAILERS

Midget house and utility type trailers which anyone can build in spare time. The "midget" is a tear-drop type which provides sleeping quarters for two adults besides storage space for six or eight cots or sleeping bags for camping trips. The four utility trailers have two wheels, are capable of high speeds and loads up to 2,000 pounds.

Northern Grown Strawberry Plants

FROM OUR STRAWBERRY PLANT DEPARTMENT • POSTPAID PRICES ARE PREPAID 600 MILES ONLY.



8000 plants for an acre. Set in rows 4 ft. apart—plants 1½ ft. apart in the rows.

Pick big, luscious berries from your own garden.

Ask for Free Leaflet on the planting and care of strawberries.

WAYZATA

World's Best Everbearer

50 Plants
\$1.75

Large glossy-red berries until snow flies—fruit first season.

Immense glossy-red berries of honey-sweet flavor produced the first season.

Each plant loaded with ripe berries, green berries, and buds.

The "Wayzata" will make more vigorous growth in a shorter period of time than any Everbearing variety grown. If set early in spring, there is always a good crop of runners early in July—they will be loaded with fruit by the beginning of August. This berry has a tendency to grow numerous crowns from a single root and each crown is always loaded with blossom stems. This is the outstanding characteristic of the "Wayzata" and is what makes it a heavy bearer.

Wayzatas are the outstanding cash crop in strawberries. They always bring a premium on the market and are drought and frost resistant. This variety is becoming nationally famous.

Price: 25 plants 95c, 50 plants \$1.75, 100 plants \$3.25, prepaid.—Not prepaid, 500 plants \$13.50, 1,000 plants \$25.50. (Weight, 500 plants, 20 lbs.)

SPECIAL—Potted Wayzata Plants

With roots undisturbed, for fast development. 12 plants \$1.00, 50 plants \$3.00, 100 plants \$5.00. Prepaid to 3rd zone.

SCARLET GEM

A New Everbearer

Bears 90 days after planting. Berries are smooth, bright red and ripen uniformly, with no green tips. Firm, fine-flavored, sweet and very productive. A much improved offspring of the old Progressive Everbearing variety.

Price: 50 plants \$1.00, 100 for \$1.75, prepaid.—Not prepaid: 500 plants \$6.50, 1,000 plants \$11.50. (Weight 500 plants, 20 lbs.)

100 Plants
\$1.75

SENATOR DUNLAP

The Famous Old Reliable

June Bearing

Beautiful, glossy, dark red color all through, the flavor is delicious, mild and sweet. Wonderful for canning and preserves. The berries are medium to large in size, and medium firm—excellent for home use and local markets. Plants are healthy, fast growers and make runners freely. A dependable midseason sort.

Price: 50 for 80c, 100 for \$1.15, prepaid.—Not prepaid, 500 for \$3.75, 1,000 for \$6.50.

BEAVER

Earliest of All

June Bearing

A richly colored berry, firm and red clear through, especially recommended for canning as it retains its color in the can. Extra early, a heavy yielder and an excellent shipper. Plants thrive best on sandy soil. Price: 50 for 80c, 100 for \$1.25, prepaid.—Not prepaid, 500 for \$3.70, 1,000 for \$6.70.

PREMIER

Early, of Fine Quality

June Bearing

An early June bearing variety—always giving satisfaction and ranking first in popularity among leading horticulturists. Fruit is of large size, bright red. Quality and fruit flavor exceptionally fine. Will withstand drought and is one of our best shippers.

Price: 50 for 80c, 100 for \$1.25, prepaid.—Not prepaid, 500 for \$3.95, 1,000 for \$7.00.

LEAFLET ON STRAWBERRY CULTURE FREE

100 Plants
\$1.25

CATSKILL

For Midseason

Considered the best mid-season variety—a strong, vigorous grower and a sure cropper. Originated by New York Experiment Station.

The berries are very large and bright in color—quality equal to Premier. Catskill will be in big demand as it is a heavy producer—sells readily in the market and is proving itself a real money maker.

Price: 50 for 90c, 100 for \$1.25, prepaid.—Not prepaid, 500 for \$4.00, 1,000 for \$7.00.

100 Plants
\$1.25

FAIRFAX

Large, Firm and Delicious

June Bearing

Introduced by the Department of Agriculture and a wonderful plant maker. Thrives in all kinds of soil, and withstands frost and adverse weather conditions remarkably well. Fairfax bears early fruit of good size and of rich carmine-red color. Its long picking season is especially desirable. For home or market this berry will always make good. Price: 50 for 80c, 100 for \$1.25, prepaid.—Not prepaid, 500 for \$3.70, 1,000 for \$6.70.

Red Alpine Strawberries

Grown From Seed

Flowers are produced within 8 weeks after sowing, and medium size berries appear in great quantities throughout the season. Flavor and aroma exceptionally fine—no runners develop. May also be grown indoors in pots. Pkt. 25c, 2 pkts. 40c, prepaid. A few pkts. of Yellow Alpine Strawberry Seed are available at the same price.

SPECIAL SURPLUS OFFER

Small quantities of different varieties of Strawberry Plants are frequently left at the close of the day's packing. These are offered at low prices, to make room for the next day's plants. All are good standard varieties, true to name. We offer them, our selection, not less than 100 plants. Price: 100 for 70c, prepaid.—Not prepaid, 500 for \$2.95, 1,000 for \$5.50.

AMERICAN BERRY BASKETS

Quart Size Baskets: 100 for \$1.20 prepaid to 3rd zone. 500 for \$3.95, 1,000 for \$6.95.

Pint Size Baskets: 100 for \$1.10 prepaid to 3rd zone. 500 for \$3.75, 1,000 for \$6.75.

All prices f. o. b. Fairbault except as noted, express or freight shipments.

Weight—100-qt. baskets, 13 lbs. Crate of 500 baskets, 65 lbs. For crates, see page 28.



Our Wayzatas are young, vigorous rooted plants. We do not advise setting clumps or crown divisions.

Plant Wayzatas for a Real Cash Crop in the Fall. No Other Everbearer Can Match Its Flavor Page 29

FROM OUR
*Northern
Nursery*

Hardy Minnesota Grown TREES & PLANTS

Common rooted fruit trees shipped from sections further south, may look the same as northern rooted trees—may even start all right in favorable seasons. But when the first hard winter comes along, and there is little or no snow for protection, common rooted trees are quite sure to be injured or even killed, leaving a dead or crippled orchard.

An apple tree is no harder than the root it is grafted upon. Hardy root stocks are as vital to your orchard as a good foundation is to your home.

Actual tests show that common, tender root stocks are the greatest cause of failure in the orchard. Commercial growers know how important root stocks are to the life of their trees.

You too, can depend on our northern rooted fruit trees.

**PLANT NORTHERN ROOTED
FRUIT TREES**
YOU PAY NO SALES TAX WHEN YOU BUY HERE

EARN FREE GIFTS
With Your Early Nursery Order
Look for the 3 Stars!!!

Order Nursery Stock from any 3 star page (any page marked with 3 stars at the top. ★★ ★★ 1942 and you may with full remittance BY MARCH 15. Send us this order choose from the FREE Gift list below as follows: On three star Nursery Orders of \$3.00 to \$5.00 choose any one gift, on 3 star orders of \$5.00 to \$10.00, choose any two gifts, and over \$10.00, any 3 gifts. Gifts must be requested on order—and GIVEN ONLY ON NURSERY ORDERS FROM 3 STAR PAGES.

A—1 Japanese Barberry, 3 yr. D—1 Bridal Wreath, 2 yr.
B—1 New Cavanaga Pygmaea, 3 yr. E—Bittersweet Vine, 2 yr.
C—1 Mockorange Virginal, 2 yr. F—1 Mountain Ash, 2 yr.
EXTRA FREE SURPRISE WITH EXPRESS SHIPMENTS! SEE DETAILS →



A—Northern Rooted McIntosh, 15 years old. B—Common Rooted McIntosh, 15 years old.
In comparative tests, 50 common rooted trees and 50 northern rooted trees of the same size and age were planted under identical conditions.
Note the vast difference at 15 years. Of the original 50 common rooted trees, many are gone entirely. Those remaining are less than one-third the average size of the northern rooted trees, and have borne only one-fifth as much fruit.

\$1.00 Nursery Bargains

4 Hardy Pears, 2-3 ft., our selection	1.00, ppd.
4 Jumbo Plums, 2-3 ft., our selection	1.00, ppd.
4 Northern Cherries, 2-3 ft., our selection	1.00, ppd.
12 Indian Summer Raspberry Plants, 1 yr.	1.00, ppd.
5 Fredonia Raspberries, 2 yr.	1.00, ppd.
4 Red Leaf Barberry, 2 yr.	1.00, ppd.
4 Red Honeysuckle, 2 yr.	1.00, ppd.
3 Double Flowering Mockorange, 2 yr.	1.00, ppd.
15 Mountain Ash, 2-3 ft.	1.00, ppd.
15 Colorado Blue Spruce Seedlings, 2 yr.	1.00, ppd.
15 Black Hills Spruce Seedlings, 2 yr.	1.00, ppd.
2 Colorado Blue Spruce Transplanted, 12-15 in.	1.00, ppd.

EXTRA! FREE "SURPRISE"—With express shipments of nursery stock amounting to \$3.00 or more we will include a FREE SURPRISE to help offset the shipping charge which you pay. You also get better quality, heavier rooted stock in express shipments, since we need not re-strict package weight and length, as in parcel shipments. If necessary to have fruit trees come by parcel post, add 10c per tree for trimming and postage.

About Shipping

SMALL ORDERS—On nursery orders under \$1.00, it is necessary to include 15c extra packing charge due to high cost of properly packing live plants. No packing charge on orders of \$1.00 or more.

SHIPPING CHARGES—Nursery orders in which all items are quoted prepaid, will be sent prepaid to the 4th zone or 600 miles only. Beyond that, extra postage will be requested.

NOT PREPAID ITEMS are too large to mail and will be shipped express or freight. Customer to pay express or freight charges when he receives shipment.

ORDERS CONTAINING BOTH Prepaid and Not Prepaid Nursery items will be sent in one shipment by express or freight. We pay part of shipping cost at this end—customer to pay balance of charges on receiving shipment.

NO NURSERY SHIPMENTS INTO THESE STATES—because of great distances and high permit fees: Florida, New Mexico, South Carolina, West Virginia, Wyoming and Canada.

SHIPPING TIME—We start shipping about March 15, depending on weather, and continue through April and May. We try to have shipment arrive at best planting time in your section. Orders guaranteed to arrive in good growing condition. Planting instructions included.

About Landscape Plans

We make no charge for suggesting what to plant; however, if a detailed plan is wanted, drawn to scale by our expert landscape draftsman, send us a remittance of

\$2.00 to cover a complete plan with full instructions for average city lot. Larger lots in proportion. The \$2.00 we request is to confine our efforts to those who are really interested and this amount will be applied on any purchase of nursery stock amounting to \$15.00 or over.

Send for free landscape chart on which to make a rough drawing of your place and present plantings, buildings, etc. No planting plan can be made after March 15th by our Landscape Department.

OUR FAIR PLAY GUARANTEE

All of our Nursery Stock carries the Minnesota Inspection Certificate and is guaranteed true to name and in good growing condition. If for any reason you do not find everything just as represented, notify us at once and we will order shipment returned, refund your money, or replace the items without charge.

Any tree or plant that dies the first growing season we will replace at half the catalog price, the following spring, if loss is reported by October 15th following date of purchase.

We cannot be responsible for losses other than the above.

SEND PART REMITTANCE ONLY—Make your selections now, so the best specimens may be reserved for your order. If you prefer, send one-third of the amount due with the order—balance can be paid at shipping time.

Certified RASPBERRY PLANTS ★ ★ ★

See color photos of these outstanding fruits and berries on pages 40 and 41. **FREE GIFTS** on nursery orders—see page 30.

BIG RED LATHAM

One Inch in Diameter!—

See Color Page 40

The nationally known King of Red Raspberries. Originated in Minnesota, and grown everywhere. A perfectly hardy, strong, vigorous grower, outyielding all others. Most profitable for market. Quantity prices below.

EARLY RED CHIEF

Ten Days Earlier—

The best early variety—most profitable for early marketing. For continuous fruit production we recommend Chief and Latham. Excellent quality and good yielder. Quantity prices below.

INDIAN SUMMER

Everbearing Red Raspberry

A new Two-crop Red Raspberry developed by the New York Experiment Station. Bears in summer and again in fall, continuing until frost. The berries are large, somewhat conical, of medium red color and high quality. Plants are hardy and vigorous growers. A real chance to profit from fall marketing. Quantity prices at right.



Minnesota Grown and State Inspected Plants

FREE 5 Page Leaflet on Planting and Care of Red Raspberries.

CUMBERLAND

Black Cap Raspberry—

See Color Illustration Page 40

Most profitable Black Cap berry to grow—produces big crops year after year—succeeds on all kinds of soil. Berries extra large, glossy-black. Quantity prices below.

NEW SODUS

Purple Cap Raspberry

A new Raspberry especially noted for fruit production. Berries are large, firm, fine quality and have a wine-red, purple color. You will prize this variety highly. Quantity prices below.

OUR LOW

		12	25	50	100
Latham or Chief	2 yr. Heavy	\$1.29	\$2.29	\$3.95	\$6.95
	1 yr. Standard	.70	1.25	2.45	4.45
	1 yr. Medium	.65	1.19	2.25	3.69
Indian Summer	2 yr. Heavy	1.45	2.55	4.85	7.95
or Sodus Purple	1 yr. Standard	1.00	1.69	3.15	5.75
Cumberland Blk.	2 yr. Only	1.29	2.29	3.95	6.95
Alfred	2 yr. Heavy	1.29	2.29	3.95	6.95
Blackberry	1 yr. Standard	.70	1.25	2.45	4.45

PRICES ON RASPBERRIES!

	Not Prepaid (Freight or Express)	250	500	1,000
Latham or Chief		\$10.90	\$19.35	\$29.85
		8.35	15.60	23.75
		5.85	10.95	16.85
Indian Summer		15.34	28.45	43.85
or Sodus Purple		12.25	22.65	34.85
Cumberland Blk.		10.90	19.35	29.85
Alfred		10.90	19.35	29.85
Blackberry		8.35	15.60	23.75

BERRIES

(Juneberry and Cranberry—Page 38.)

ALFRED BLACKBERRY

Stands 35 Below Zero

A crop the second season. Berries are twice as large as ordinary blackberries—often 1½ inches long. The ideal table berry—of fine flavor and practically coreless, with but few small seeds.

PRICES: (See Prices under Raspberries, above.)

MAMMOTH

BOYSENBERRY—

See Color Page 41

The largest bramble berry. Berries are 1½ to 2 inches long, and of purple color. Flavor is superb and rich. A pleasing blend of Raspberry and Dewberry—fine for eating fresh or canned. A real money maker for market. Requires some winter protection.

PRICES: 12 for \$1.00, 25 for \$1.89, 50 for \$3.49, 100 for \$6.59, prepaid. See illustration page 41.

JUMBO BLUEBERRY

See Color Page 41

Giant Blueberries—two to three times as large as native ones, grow on beautiful ornamental bushes with bell-shaped pinkish blossoms. Make delicious sauce and pies! Planting directions free. They require acid soil, so these plants come packed in acid humus. Strong plants furnished—no replacements made.

PRICES: 2 plants, 2-year size, \$1.79, 5 plants for \$3.95, prepaid. Acid humus free.

GRAPES

FREDONIA GRAPE

New, Hardy Black Grape—

See Color Photo—Page 41.

The earliest large-berried Grape for the North—three weeks earlier than Concord. Vines are vigorous—clusters of medium size, very compact. Offers great opportunities for market or home use. Prices below.

BETA GRAPE

As Hardy as the Wild Grape

Always dependable, producing heavy crops every year. Fruit of medium size, good quality, early—excellent for jelly and grape juice. Prices below.

PORTLAND GRAPE

Earliest Green Grape—

Holds first place as an early green grape. The vine is very vigorous, productive and healthy. Bunches and berries are larger than any other early green grape. Fine quality.

PRICES ON ABOVE GRAPES

All Postpaid	Each	3	10	25
Heavy 2 yr.	\$0.30	\$0.75	\$1.95	\$4.45
Standard 1 yr.	.25	.65	1.79	3.85

6 Best Hardy Grapes

2—Portland } All
2—Betas } 2-Year
2—Fredonias } Size
(1-year size—\$1.00 ppd.)

All for
\$115
Ppd.

CURRANTS

RED LAKE CURRANTS

(Minn. 24)

A Minnesota introduction producing heavy crops of big, red berries in long clusters. The bushes are strong and vigorous with healthy foliage. Makes beautiful sparkling bright red juice.

PRICES: 1-year size: 25c each, 3 for 65c; 10 for \$1.79, 25 for \$3.85. Two-year size: 30c each, 3 for 75c, 10 for \$1.95, 25 for \$4.45, prepaid.

GOOSEBERRIES

CARRIE GOOSEBERRIES

A heavy yielder of good-sized fruit. Perfectly hardy and recommended by Professor Hansen as foremost in quality and productiveness. No shipments made to Connecticut, Idaho, Maine, Massachusetts, Michigan, New Hampshire, New York, Rhode Island, Vermont.

PRICES: Standard size, 30c each, 3 for 80c, 10 for \$2.45. Heavy grade: 35c each, 3 for 95c, 10 for \$2.95, prepaid.

NEW "PIXWELL" GOOSEBERRIES

Developed by Dr. Yeager at North Dakota Station. Has very few, soft thorns. Berries hang 2 inches below branches and are much easier to pick than other kinds. Extremely hardy even in Canada. The large bushes bear heavy loads of super-quality fruit.

PRICES: 1-yr. size: 35c each, 3 for 95c, 10 for \$2.95; 2-yr. size: 50c each, 3 for \$1.39, 10 for \$4.35, all prepaid.

See Color Photos of these Berries on Pages 40 and 41.

Improved APPLES

NORTHERN ROOTED TREES

3 to 4 Ft. **45c** 5 for \$2.00
TREES
10 for \$3.75. Not ppd.

4 to 6 Ft. **55c** 5 for \$2.50
TREES
10 for \$4.50. Not ppd.

Fruit trees shipped Express, not prepaid. If wanted by Parcel Post, add 10c per tree for postage and trimming.

BIG RED HARALSON APPLE—Produces a good size, deep red, winter apple of excellent flavor, with outstanding keeping qualities—keeping in perfect condition until late spring. It is free from blight and, best of all, has the tendency to bear early. (See page 40.)

CORTLAND—(Improved McIntosh.) This new apple is smashing its way into front page popularity. Its bright red color and top-notch quality make it a favorite of the late fall apples. Flavor is delicious. They are easy to grow and hang long on the trees. (See page 41.)

DOUBLE RED DUCHESS—A new summer apple, with all the Duchess qualities of hardness, earliness, and heavy yield. In addition, it has HIGH RED COLOR.

NORTHWESTERN GREENING—The fruit is very large, smooth, handsome, turning yellow as it matures. In good demand as a baking and cooking apple for late winter and spring. Season, December to March. (See page 41.)

YELLOW TRANSPARENT APPLE—Delicious golden yellow apples. Good to eat long before other sorts are ready. Fruit large, yellow with crisp meat and delicious flavor.

MCINTOSH RED—(See Cortland above.)

WEALTHY—The leading apple for its season (Sept. to Jan.). The fruit is large, a beautiful shade of deep red, and the flavor excellent. One of the best eating apples grown in the Northwest. A good keeper and heavy yielder.

WHITNEY CRAB—A favorite in the home for canning and preserving. Fruit is of good size—very highly colored. Immense crops.

ANOKA—Summer apple, very early to ripen, which bears the second year. Resists blight and produces a consistent crop.

FREE!
SURPRISE GIFT
with Full Express
Shipments
Details Pg. 30

NEW PRAIRIE SPY
No finer Quality
grown in U. S. A.!

Special Apple Varieties

NEW BEACON—(Minnesota No. 423.) Early fall red eating apple. Ready before Wealthy or McIntosh. Ripens but a few days later than Duchess and will keep a month after harvest. It is highly colored, fine quality and solid red. Hardy, very productive. (Page 40.)

DOLGO, THE LAWN TREE CRAB—Has rare beauty as an ornamental lawn tree, and is perfectly hardy. The apple itself is a very rich red, and jells perfectly, even when dead ripe. A fine canning crab.

WEDGE—Rapidly becoming popular as an excellent market apple before Haralson is ready. Beautiful, large smooth fruit of bright red color. Hotels and restaurants are paying a premium for Wedge for baking. The tree is so vigorous and productive, it's a sure "money-maker." (Page 40.)

NEW PRAIRIE SPY—(Minn. No. 1007.) A new long-keeping, super quality apple, so far superior to others marketed after Christmas, that a ready market awaits all that can be grown for many years. Very productive and fruit hangs well to trees. No finer quality anywhere. Perfectly hardy anywhere in Minnesota. (See page 41.)

MINNESOTA NO. 790—A splendid new large red winter apple from the Minnesota Fruit Breeding Farm. Adapted south of St. Paul. Hardier and considered superior to Roman Beauty, popular baking apple. No. 790 is highly prized for size, color, flavor and hangs well on the trees.

DELICIOUS—A favorite winter apple for commercial and home orchards. Fruit large, fresh fine grained, sweet, juicy and really delicious. Our northern rooted stock is hardy in favorable locations.

3 to 4 Ft. **55c** 5 for \$2.50 } Shipped
TREES 10 for \$4.50 } Express
Not prepaid } 4 to 6 Ft. **65c** 5 for \$3.00
TREES 10 for \$5.50

If wanted by Parcel Post, add 10c per tree for postage and trimming.

JUMBO PLUMS

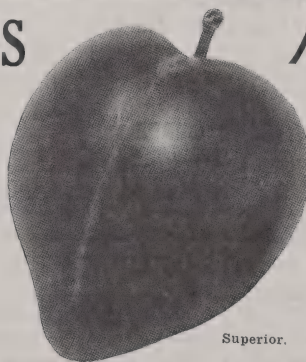
SUPERIOR—A hardy plum originated at the State Fruit Breeding Farm by crossing big California Burbank varieties. As large as California plums, surpassing them in quality and hardness. Firm flesh, beautiful red color, peels like a peach. (See page 40.)

KAGA—An outstanding canning plum originated by Prof. Hansen of the S. D. Agricultural College. Has a distinct, delicious flavor, and is sometimes called the apricot plum. For canning or jam, it is unsurpassed. A fine pollinator for any plums offered on this page. (See page 40.)

UNDERWOOD—Bears annually, is of large size and excellent flavor; flesh firm, small pit. It may be readily peeled for canning. Underwood and Surprise should be planted close together to insure setting of fruit.

NEW EMBER—A new origination of our State Fruit Breeding Farm. A late plum of good size with fine dessert and canning qualities. It is yellow with attractive red blush. It hangs to the trees until fully ripe, and keeps in good condition for weeks.

SURPRISE—A sweet, juicy plum, excellent to eat. Surprise is also an efficient pollinator for Jumbo plums, or for any common plums.



3 to 4 Ft. **49c** 5 for \$2.20
TREES 10 for \$3.90

4 to 6 Ft. **55c** 5 for \$2.50
TREES 10 for \$4.50

Shipped Express. Not ppd.

Northern Rooted

All plum trees shipped Express, not prepaid. If wanted by Parcel Post, add 10c per tree for postage and trimming.

Special Plums

FIEBING PRIZE PLUM—This big Red Plum was introduced by Chas. Haralson, and was given the Fiebing Prize at the Minnesota State Fair. The fruit ripens early, is extremely large, has firm flesh, excellent flavor and a beautiful red color. Fiebing is equal to California Plums in size and quality.

NEW HENNEPIN—This delicious new red-fleshed plum just released from the State Fruit Breeding Farm, ranked first in preserving tests made by the State Horticultural Dept. Be sure to add Hennepin to your orchard—it's the finest canner we know of. See color photo page 41.

3 to 4 ft. Trees 59c. 4 to 6 ft. 65c Exp. nppd.

CHERRIES



Minnesota Grown

Recent experiments have proved that Hansen's Bush Cherry, described below, is a fine pollinizer for these hybrid cherries.

OPATA CHERRY—45c

Bears loads of dark purple red cherry-plums, generally the 2nd year. Excellent to eat out of hand. Fruit ripens very early in August, is thin skinned and has very small pit. A good pollinizer for Sapa and Oka.

OKA CHERRY—45c

A fine hardy hybrid cherry, with skin and flesh a rich purple-red color. The meat is firm, juicy and of superb flavor. The trees are immensely productive and fruit regularly. Should be grown in bush form as suggested for Sapa. For best results plant with Compass Pollinator Cherry or Hansen Bush Cherry. Prices below.

COMPASS CHERRY—45c

Indispensable as a Pollinator

Hardy throughout the Northwest and Canada. Fruit is black, of medium size and good quality. Makes delicious pies, preserves, etc.

SAPA CHERRY—45c

Its beautiful wine-red color, excellent quality and delicious flavor have made Sapa the most popular cherry for northwest fruit farms. It is a large sized hybrid cherry with small pit. Thin skinned, purple-red outside, with rich dark wine-colored flesh.

Sapa should be grown in bush form and pruned severely to encourage growth of new shoots that will fruit heavily and regularly. The Compass Pollinator or Hansen Bush Cherry should be included in every Sapa planting. Prices below. (See Page 41.)

3 to 4 Ft. **45c** Express or Frt. Not Prepaid

FREE GIFTS with Express Shipments. See Page 30.

4 to 6 Ft. **55c** Express or Frt. Not Prepaid

5 for \$2.00, 10 for \$3.75.

5 for \$2.50, 10 for \$4.50.

(If wanted by Parcel Post, add 10c per tree for Trimming and Postage. However by Express we can ship full size, Heavier rooted Stock)

PEARS Hardy and Prolific

(See also Bantam Pear below.)

PARKER PEAR—65c

(Minnesota No. 1)

Introduced by the Minnesota State Fruit Farm, this splendid pear has been well tested in different parts of the state, and is now recommended for general planting in the southern half of Minnesota and similar latitudes. The fruit is medium to large, with smooth medium thick skin; color, yellow-bronze with faint blush. Flesh is fine-grained, tender, sweet, and juicy. Fruit ripens in early Sept. Prices below. (Pg. 40.)

PATTEN PEAR—65c

Originated by Chas. Patten a number of years ago, this pear has been thoroughly tested and is now recommended for planting in southern Minnesota and suggested for trial in favorable locations farther north. The fruit is of good size, resembles Bartlett in form and color; very tender, juicy and of good quality. Season September. Prices below.

3 to 4 Ft. **65c** TREES Not ppd. 4 to 5 Ft. **75c** TREES Not ppd.

5 for \$3.00, 10 for \$5.50.

5 for \$3.45, 10 for \$6.40.

Amazing New Fruits from Northern Experiment Stations!

These sensational fruits are not only novel when grown in this severe climate, but they are really dependable in our NORTHERN home orchards. They have extreme hardiness PLUS super quality.

Amaze your friends and neighbors! It's truly unbelievable what delicious pears, apricots, and red flesh crabs you can grow in your own back yard. (Shipped Exp. Collect)

NEW BANTAM PEAR

NOW a real high-quality eating pear, with hardiness of a Duchess Apple! Latest sensation of Minn. Fruit Farm. Flavor of the luscious fruit—a big surprise. Not a large pear, but makes up in quality what it may lack in size. A vigorous grower, free from blight, stands severe cold. Ideal for lawn planting.

3 to 4' **75c** | 4 to 5' **85c** Nppd. Nppd.

Color Photo—Page 2.

APRICOT "New Scout"

A most surprising new fruit of the year! Although developed way up in Canada, it has a most delicious flavor, beautiful golden yellow color, large size, thin, tender skin, and it's 'free stone'! Scout endures extreme cold and drought. Imagine such high quality fruit with such extreme hardiness. (Plant with Hansen Apricot to insure pollination.) See page 2.

3 to 4' **69c** | 4 to 5' **79c** Nppd. Nppd.

one "Scout" and one Hansen

APRICOT Hansen

A new hardy apricot—introduced by Professor Hansen of S. D. State College. Matures in the Northwest—is drought-resistant and produces good size yellow fruit of excellent flavor. It has stood 40° below zero. Makes excellent jam and is fine for canning. Plant with Scout to insure pollination.

3 to 4' **59c** | 4 to 5' **69c** Nppd. Nppd.

one "Scout" and one Hansen

CRAB APPLE New Red Flesh

Something different! Makes delicious red apple sauce, sparkling red jelly, and red apple butter. A good sized crab, also fine for eating out of hand and it's RED all through. Fire red skin, striking red flesh, and beautiful red blossoms. A highly ornamental lawn tree with fruit that's tops for eating, cooking or preserving. Super hardy—bears early. (Page 40.)

3 to 4' **65c** | 4 to 5' **75c** Nppd. Nppd.

If wanted by Mail, add 10c per tree, post, and trimming.

BUSH CHERRY Hansen's Super Hardy

This hardy bush cherry produces an abundance of deep red fruit exceptionally early. It makes the finest jam and is of excellent flavor. It will stand severe drought and can also be used for hedges or for foundation planting. The foliage is silvery-green, turning to red and gold in fall.

2 to 3' **30c** | 3 to 4' **35c** Nppd. Nppd.

Hardy Hedge Plants

50 Plants Make a 50 Foot Hedge

BUCKTHORN

A very hardy and dense tight ornamental hedge. Properly sheared will give a very formal effect.

SPIREA VAN HOUTTEI

Bridal Wreath. Most popular flowering hedge. The graceful, drooping sprays are ideal for growing untrimmed.

JAPANESE BARBERY

Thunbergi. Makes neat, low boundary. Can be trimmed or grown naturally. Foliage turns to brilliant crimson in fall; branches are covered with scarlet berries.

HONEYSUCKLE RED TARTARIAN

An ideal, quick-growing, tall screen hedge. Grows 8 to 10 ft. tall, very hardy. Covered with many small rose-pink blossoms, followed by attractive red berries. Plant 24 to 30 in. apart.

CARAGANA

Numerous twiggy branches, covered with bright green fern-like leaves. A supreme hedge plant for severe climates, poor soil and dry locations. Can be pruned to any desired height.

CHINESE HEDGEWOOD

Extremely hardy, drought resistant and a quick, compact grower. Covered with small, bright green foliage from early spring until late fall. Forms a dense screen. Can be grown to any height desired.

PRICES on HEDGE PLANTS

(Shipped Express, F. O. B. Faribault.)

Variety	Size	10	50	100
Buckthorn or Caragana	2-3 ft.	\$2.35	\$6.95	\$11.75
	18-24 in.	1.25	4.25	6.95
	12-18 in.	.85	3.40	5.45
Spiraea V.H. or Jap. Barberry	18-24 in.	1.25	4.25	6.95
	12-18 in.	.95	3.40	5.45
Honeysuckle (Red Tartarian)	2-3 ft.	2.50	10.00	18.00
	18-24 in.	2.00	8.00	15.00
Chinese Hedgewood	2-3 ft.	.95	3.95	6.75
	18-24 in.	.75	3.25	5.45
	12-18 in.	.65	2.95	4.25



Chinese Hedgewood makes low, formal hedge or a high screen hedge.

Add 15c for Packing Cost on Nursery Orders if Less than \$1.00.

Shade & Ornamental Trees

Elms ★ ★ ★ Maples

CHINESE ELM, SIBERIAN STRAIN

—The fastest growing shade, ornamental or windbreak tree. Very hardy—resistant to drought and extreme temperatures. Attains a height of 60 ft., and girth of 12 ft. or more.

Size	Each	2	4	10
4-5 ft....	\$0.45	\$0.79	\$1.39	\$2.95
5-6 ft....	.59	1.10	1.95	4.35
6-8 ft....	.79	1.49	2.69	6.45
8-10 ft....	1.45	2.79	4.95	10.75

AMERICAN ELM—The most popular hardy native tree. Grows tall, graceful and spreading. Very hardy. Grandest of all permanent lawn and boulevard trees.

Size	Each	2	4	10
5-6 ft....	\$0.65	\$1.20	\$2.20	\$4.95
6-8 ft....	.85	1.55	2.95	6.95
8-10 ft....	1.45	2.65	5.35	12.85

Poplars

LOMBARDY POPLAR—Forms a tall, slim, symmetrical column, tapering to a pointed top. Ideal for landscape effect and screen planting—a rapid grower. Price: 6-8 ft. trees, 85c each, 2 for \$1.15; 8-10 ft. trees, 85c each, 2 for \$1.55.

BOLLEANA POPLAR—Similar in form to Lombardy, but the rich green leaves are silver white beneath, and shimmer when turned by breeze. Beautiful, smooth grey-green bark. Price: 5-6 ft. trees, 95c each, 2 for \$1.75; 6-8 ft. trees, \$1.45 each, 2 for \$2.65.

HARD OR SUGAR MAPLE—The very finest in stately beauty and permanence for lawn and boulevard. Gorgeous foliage, especially in autumn when leaves turn to clear yellow and scarlet. Price: 5-6 ft. trees, 95c each, 2 for \$1.75; 6-8 ft. trees, \$1.45 each, 2 for \$2.75.

SILVER OR SOFT MAPLE—A rapid grower for quick effect. Leaves appear in early spring, are bright green in color with lower side silvery. Price: 5-6 ft. trees, 95c each, 2 for \$1.75; 6-8 ft. trees, \$1.25 each, 2 for \$2.35.

NORWAY MAPLE—Popular for its attractive dome shaped head. Grows to large size, with deep green foliage which turns yellow in autumn. Price: 6-7 ft. trees, \$1.25 each, 2 for \$2.35; 7-8 ft. trees, \$1.50 each, 2 for \$2.80.

RED SCHWEDLER MAPLE—Striking purplish-crimson leaves, turning bronze-green in midsummer. Shaped like Norway Maple—a thing of beauty in the yard! Price: 6-7 ft. trees, \$1.75 each, 2 for \$3.51; 7-8 ft. trees, \$2.25 each, 2 for \$4.25.

Basswood

AMERICAN LINDEN (BASSWOOD)

—A rapid grower and perfectly hardy. Grows in pyramidal form, has large leaves and fragrant flowers. Price: 5-6 ft., 95c each, 2 for \$1.75; 6-8 ft., \$1.45 each, 2 for \$2.65, not prepaid.

NOTE:

All shade trees f. o. b. Fairbault ship'd express or freight



NIOBE WEeping WILLOW—Graceful drooping form—lovely golden bark, and silver lined foliage. Very hardy. Price: 5-6 ft. trees, 75c each, 2 for \$1.35; 6-8 ft. trees, 85c each, 2 for \$1.59.

Ash

GREEN ASH—A quick-growing hardy tree—very drought-resistant and disease-free. Price: 5-6 ft. trees, 60c each, 2 for \$1.20; 6-8 ft. trees, 79c each, 2 for \$1.40.

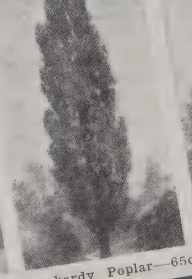
MOUNTAIN ASH, EUROPEAN—Very showy lawn tree with its white flowers followed by large clusters of bright orange berries, in autumn. Beautiful dark green foliage. Price: 5-6 ft. trees, \$1.35 each, 2 for \$2.55; 6-8 ft. trees, \$1.75 each, 2 for \$3.35.



Red Schwedler Maple—\$1.75



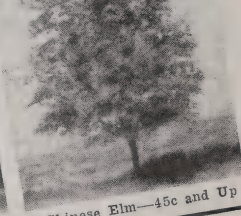
Hard or Sugar Maple—95c



Lombardy Poplar—65c



Cut Leaf Birch—\$2.35



Chinese Elm—45c and Up

BLACK WALNUT—Large, well shaped, majestic shade trees. Valuable for lawn planting, and for its timber and choice nuts. Price: 5-6 ft. trees, 89c each, 2 for \$1.65; 6-8 ft. trees, \$1.25 each, 2 for \$2.35.



Norway Maple

A shapely shade tree. 6 to 7 ft. size \$1.25

Sensational Beauty For Your Yard with Flowering Crabs



NEW FLAME—A sensational new Minnesota development, resembling a great flame of fire when fruiting due to high color of the ripe fruit, which is excellent for jelly and canning. In bloom, Flame is breath taking! Crab-apple-pink blossoms in great profusion.

HOPA (ROSE PINK)—The most beautiful Flowering Crab that can be grown in the North. Blood-red buds, followed by a profusion of large, single, deep rose blossoms, which remain longer than others. Fruit makes fine jelly.

RED SILVER—Red from top to bottom, in leaf, blossom and fruit! Delicate silver striking!

Your Choice of Any Above Flowering Crabs: 4-5 ft. trees, 75c each, 2 for \$1.35; 5-6 ft. trees, \$1.25 each, 2 for \$2.35, not prepaid.

CUT LEAF WEeping BIRCH—Admired for its delicately cut foliage on graceful drooping branches, and silvery white bark! Best in moist locations. Price: 5-6 ft. trees, \$2.35 each; 6-7 ft. trees, \$2.95 each.

WHITE BIRCH—A graceful tree with silvery white bark. Most effective when planted in clumps among evergreens. Price: 5-6 ft. trees, \$1.35 each, 2 for \$2.45; 6-8 ft. trees, \$1.65 each, 2 for \$2.95.

American Elm

grandest of all shade trees

5-6 ft. Trees 65c
6-8 ft. Trees 85c





This doorstep planting consists of two pyramidal Arborvitae and two Mugho Pines. The end groups of Silver Junipers and several low Savin and Pfitzer Junipers.

Evergreens for Foundation Planting

PFITZER JUNIPER—Has spreading branches, handsome gray-green foliage—hardy everywhere and one of the most popular Junipers. Grows 3-4 ft. tall—thrives in shade or sunshine. Prices, not prepaid:

12-15 in. \$2.15 (B. & B. \$2.65, 2 for \$4.95)
15-18 in. 2.95 (B. & B. 3.45, 2 for 6.65)

SILVER JUNIPER—Forms a narrow compact symmetrical pyramid of light silver—so decorative, especially for entrance planting. Can be trimmed as desired and will attain a height of 12 to 15 feet if untrimmed. Not prepaid:

18-24 in. \$2.25 (B. & B. \$2.75, 2 for \$5.25)
24-30 in. 3.25 (B. & B. 3.75, 2 for 7.25)
30-36 in. (Only B. & B. 4.10, 2 for 7.95)

SAVIN JUNIPER—Beautiful trailing Juniper—favorite of all landscape planters. Has dark green tufted foliage, covering dense spreading branches. Extremely hardy—can be trimmed as desired. 12-15 in. across. Not prepaid:

12-15 in. \$1.60 (B. & B. \$2.10, 2 for \$3.95)
15-18 in. 2.15 (B. & B. \$2.65, 2 for 4.95)

PYRAMIDAL ARBORVITAE—Can be used close to the house or walk. Most effective in groups or pairs when used for ornamental planting. Compact and of natural pyramidal form. Three times transplanted. Not prepaid:

24-30 in. \$2.00 (B. & B. \$2.50, 2 for \$4.75)
30-36 in. (Only B. & B. 3.35, 2 for 6.25)
3-4 ft. (Only B. & B. 3.95, 2 for 7.45)

AMERICAN ARBORVITAE (White Cedar). Will thrive in most any situation—is suitable for ornamental planting, hedging or windbreak. Develops a compact, graceful pyramid. Easily controlled by trimming. Not prepaid:

18-24 in. \$1.45 (B. & B. \$1.95, 2 for \$3.65)
24-30 in. 1.75 (B. & B. 2.25, 2 for 4.25)
30-36 in. (Only B. & B. 3.00, 2 for 5.65)

DWARF MUGHO PINE—Dwarf, bushy, compact. Ideal for foreground position. Dark, rich green, long, stiff needles. Not prepaid:

12-15 in. \$2.25 (B. & B. \$2.75, 2 for \$5.25)
15-18 in. 3.20 (B. & B. 3.65, 2 for 6.95)
18-24 in. (Only B. & B. 4.65, 2 for 8.95)

★ ★ ★ Evergreens

Plants quoted B&B are Balled & Burlapped. All Junipers and Arborvitae should be ordered balled and burlapped to insure results. We cannot guarantee any specimen not ordered B. & B.

For Lawn or Group Planting

SPRUCE, COLORADO MEDIUM BLUE (Picea pungens.) Develops a broad pyramid thickly studded with branches clear to the ground, covered with heavy lustrous foliage of varying tones—sometimes deep green, again touched with silver, while others have a decided blue tinge. All grown from seed gathered from select Blue Shiners, but do not show blue until 18 to 24 inches high. Well rooted, three times transplanted. Prices, not prepaid:

12-18 in. \$1.60 (B. & B. \$2.10, 2 for \$3.95)
24-30 in. (Only B. & B. 3.75, 2 for 7.25)
3-4 ft. (Only B. & B. 5.55, 2 for 10.25)

SPRUCE, COLORADO BLUE SHINERS (Picea pungens glauca). The "Extra Blue" trees—trees of magnificent form, as their thick branches climb in even layers from a broad base to a tapering crown, with heavy, lustrous foliage reflecting the most glorious silver and blue tones. Well rooted, heavy specimens, three times transplanted. Prices, not prepaid:

12-18 in. \$3.25 (B. & B. \$3.75, 2 for \$7.25)
24-30 in. (Only B. & B. 5.45, 2 for 10.65)
3-4 ft. (Only B. & B. 7.50, 2 for 14.75)

BLACK HILLS SPRUCE—Extensively used for landscape planting, also for windbreak. Grows very bushy, compact and symmetrical. Has unusually thick foliage, and is easy to grow. Choice specimen trees with a well-developed root, twice transplanted. Prices, not prepaid:

18-24 in. \$1.60 (B. & B. \$2.10, 2 for \$3.95)
24-30 in. (Only B. & B. 2.50, 2 for 4.75)
30-36 in. (Only B. & B. 2.95, 2 for 5.65)

★ ★ ★ Save Money on Windbreak Trees ★ ★ ★

We offer hardiest recommended varieties for the Northwest. Plant two to five rows for real effectiveness. Plant 6 feet apart in rows 8 feet apart. Cultivate first two years if possible.

Size	GREEN ASH				
	50	100	200	500	1,000
6-12 in. Prepaid.					\$ 6.50
12-18 in. Prepaid.	\$1.00	\$1.39	\$ 2.35	\$ 4.65	9.00
18-24 in. Not ppd.	1.45	1.98	3.38	6.60	13.00
2-3 ft. Not ppd.	1.95	3.19	5.42	10.65	21.00
3-4 ft. Not ppd.	3.95	5.59	9.45	18.65	36.00
4-5 ft. Not ppd.	5.95	7.95	13.54	26.45	49.50
CARAGANA					
12-18 in. Prepaid.	\$1.20	\$1.67	\$ 2.82	\$ 5.58	\$10.80
18-24 in. Not ppd.	1.74	2.38	4.06	7.92	15.60
2-3 ft. Not ppd.	2.34	3.83	6.50	12.78	25.20
AMERICAN ELM					
6-12 in. Prepaid.					\$ 6.50
12-18 in. Prepaid.	\$1.00	\$1.39	\$ 2.35	\$ 4.65	9.00
18-24 in. Not ppd.	1.45	1.98	3.38	6.60	13.00
2-3 ft. Not ppd.	1.95	3.19	5.42	10.65	21.00
3-4 ft. Not ppd.	3.95	5.59	9.45	18.65	36.00
CHINESE ELM					
6-12 in. Prepaid.					\$ 6.50
12-18 in. Prepaid.	\$1.00	\$1.39	\$ 2.35	\$ 4.65	9.00
18-24 in. Not ppd.	1.45	1.98	3.38	6.60	13.00
2-3 ft. Not ppd.	1.95	3.19	5.42	10.65	21.00
SOFT MAPLE					
6-12 in. Prepaid.					\$ 6.50
12-18 in. Prepaid.	\$1.00	\$1.39	\$ 2.35	\$ 4.65	9.00
18-24 in. Not ppd.	1.45	1.98	3.38	6.60	13.00
2-3 ft. Not ppd.	1.95	3.19	5.42	10.65	21.00
3-4 ft. Not ppd.	3.95	5.59	9.45	18.65	36.00
4-5 ft. Not ppd.	5.95	7.95	13.54	26.45	49.50
RUSSIAN OLIVE					
6-12 in. Prepaid.					\$ 7.80
12-18 in. Prepaid.	\$1.20	\$1.67	\$ 2.82	\$ 5.58	10.80
18-24 in. Not ppd.	1.74	2.38	4.06	7.92	15.60
2-3 ft. Not ppd.	2.34	3.83	6.50	12.78	25.20
3-4 ft. Not ppd.	4.74	6.71	11.34	22.38	43.20
BLACK WALNUT					
12-18 in. Prepaid.	\$3.45	\$5.85			
WILLOW, RUSSIAN GOLDEN					
2-3 ft. Not ppd.	\$3.35	\$5.40	\$ 9.65		
3-4 ft. Not ppd.	3.45	5.85	10.75		

FARM Windbreak SPECIAL

50 GREEN ASH
50 AMERICAN ELM
50 CHINESE ELM
50 SOFT MAPLE

200 TREES
18 to 24 in.
(VALUE \$5.80)

200 TREES
2 to 3 ft.
(VALUE \$7.80)

All
Not
ppd.

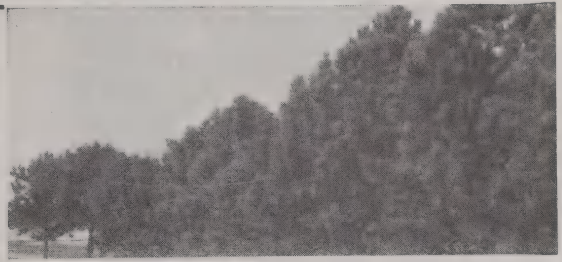
ONLY \$3.35

ONLY \$5.35

BLACK HILLS PINE

(Bull Pine)

An
Ideal
Drought-
Resistant
Windbreak



Evergreen Windbreak Bargains!

PONDEROSA (Black Hills Pine)	10	25	50	100
	4-6 in. Seedlings, Prepaid.			\$ 3.45
WHITE SPRUCE				
9-12 in. Transplants, Prepaid.	\$2.85	\$ 5.25	\$ 8.85	16.25
12-15 in. Transplants, Prepaid.	3.75	6.95	12.85	24.65
15-18 in. Transplants, Not prepaid.	4.95	9.45	17.50	33.45
BLACK HILLS SPRUCE				
6-9 in. Seedlings, Prepaid.				4.15
9-12 in. Transplants, Prepaid.	3.15	5.75	9.75	17.85
12-15 in. Transplants, Prepaid.	4.15	7.65	13.95	26.95
15-18 in. Transplants, Not prepaid.	5.45	10.40	18.25	36.85
18-24 in. Transplants, Not prepaid.	6.55	12.95	24.95	49.50
COLORADO BLUE SPRUCE				
4-6 in. Seedlings, Prepaid.				3.75
9-12 in. Transplants, Prepaid.	2.85	5.25	8.85	16.25
12-15 in. Transplants, Prepaid.	3.75	6.95	12.85	24.65
15-18 in. Transplants, Not prepaid.	4.95	9.45	17.50	33.45
18-24 in. Transplants, Not prepaid.	5.95	11.85	22.85	45.00

Set Evergreen Windbreaks 6 to 8 feet apart in the row and 12 to 15 feet apart between rows.

Peonies for a Lifetime of Bloom

Peonies are easily grown, and once established are practically everlasting. We supply strong, healthy roots—3 to 5-eye divisions.

Ask for Our Leaflet on Peony Culture

ALBERT CROUSSE. Delicate shell-pink. Late blooming; large and compact. Fragrant.

COURONNE D'OR. A late blooming snow-white peony, with golden stamens.

EDULIS SUPERBA. Beautiful deep rose pink. Opens for Decoration Day here in Minnesota.

FELIX CROUSSE. Deep, velvety rose-red. Medium to large; fragrant. Late midseason.

FESTIVA MAXIMA. A splendid early white variety; center petals flecked with crimson.

KARL ROSENFELD. A rich brilliant shade of pure deep crimson. Early midseason.

LORA DEXHEIMER. An intense flaming crimson, comes into bloom early midseason.

MME. DE VERNEVILLE. A medium-early peony with a pleasing fragrance. Guard petals sulphur-white; center rose-white with crimson touches.

MARY BRAND. A clear Red that is entirely distinct from all others. A midseason variety. Long lasting.

RICHARD CARVEL. An early crimson with extra-fine large blooms. Fragrant.

SARAH BERNHARDT. This is the ideal cut flower peony. The color is a true apple-blossom pink with each petal silver tipped. It is a late midseason variety with a delicate fragrance.

Peonies in bloom in our trial gardens.



Your Selection Any Above
Each 65c, 3 for \$1.80, 6 for \$3.00

(You may select different varieties or all of one kind.)

Long Season Peony Collection

One of Each:

Edulis Superba
Festiva Maxima
Karl Rosenfeld
Felix Crousse

\$2.30
ppd.

Superb Prize Peony Collection

One of Each:

Richard Carvel
Sarah Bernhardt
Mary Brand
Couronne D'Or
Albert Crousse

\$2.75
ppd.

Peony Supports

MAY ALSO BE USED FOR
TOMATO AND OTHER
HEAVY PLANTS

For Illustration See Page 25

Choice Peonies should have good rigid supports so that the blooms will not be beaten to the ground by heavy rains and wind. After the blooming season, the supports may be removed and used for other flowers or for tomatoes.

Well made of 3-gauge galvanized wire—18-inch tops, height 30 inches, weight 3 lbs. each.

Price, not prepaid: 2 for 80c, 5 for \$1.60.

See Page 25 for Supports in Smaller Sizes

"Twist-Em's"

THE PERFECT PLANT TIES.

"Twist-ems" are dark green strong tapes with wire reinforcing that make perfect plant ties. For plants, vines and shrubs and arranging flowers.

Place "Twist-ems" around stem and support

Twist ends between finger and thumb

In a "flash" stem is securely tied

PRICES PREPAID

4-inch size	8-inch size
250 for 35c	250 for 45c
500 for 60c	500 for 80c
1,000 for \$1.00	1,000 for \$1.50

Lilacs for Fragrance

FRENCH HYBRID LILACS

French Lilacs bear larger flowers and bigger, heavier trusses of bloom than those of the common Lilac. They are gorgeous in coloring and very free-flowering.

ALPHONSE LAVALLE. Double. Opens an intense blue, changing to a beautiful shade of lavender as the florets develop. 2-yr. plants 59c, prepaid. 3-yr. plants 69c, not prepaid.

CHARLES JOLY. Double. Deep wine-red. The large trusses are held erect, well above the foliage. 2-yr. plants 59c, prepaid. 3-yr. plants 69c, not prepaid.

MADAME LEMOINE. Double. Pure white, without a tinge of cream. Panicles large, long, erect. 2-yr. plants 59c, prepaid. 3-yr. plants 69c, not prepaid.

PRESIDENT GREY. Double. Clear delicate light blue. Immense panicles, very symmetrical. 2-yr. plants 59c, prepaid. 3-yr. plants 69c, not prepaid.

Illustrated in Color on Page 39

PERSIAN LILAC

The Persian Lilac if left untrimmed makes the finest of all flowering hedges for the Northwest. The bushes all grow to an even height, graceful and well-rounded, with all of the blossoms on the outside. When they are in bloom in May, they are a beautiful sight. Persian Lilacs can also be used to good effect in foundation plantings with other shrubs. 2-yr. plants, two for 59c, prepaid; 3-yr. plants, two for 79c, not prepaid.

VILLOSA LILAC

This is the Pink Flowering Lilac that comes into bloom when all other Lilacs are gone. Grows ten feet high. The large broad plume-like panicles are of a delicate pink color. 2-yr. plants, two for 59c, prepaid; 3-yr. plants, two for 79c, not prepaid.



Three French Lilacs

- 1 Charles Joly—Red.
- 1 Madame Lemoine—White.
- 1 President Grey—Blue.

3-year size.

Same Collection
In 2-year size \$1.68 ppd.

\$1.98
ppd.

Hardy Everblooming



ROSES

PINK RADIANCE. Hybrid Tea. A brilliant carmine-pink with salmon-pink and yellow shadings at base of petals. Of vigorous heavy growth, producing its large, double flowers when many other varieties fail.

GENERAL JACQUEMINOT. Hybrid Perpetual. Scarlet-crimson buds, opening to clear red flowers of moderate size and excellent shape. The standard red for years. Extremely hardy.

GRUSS AN TEPLITZ. Hybrid Tea. Color, richest scarlet, shading to velvety crimson. Very fragrant. A free, strong grower and continuous bloomer. An ideal garden rose succeeding under the most ordinary conditions.

HARRISON'S YELLOW. The best hardy yellow-flowering bush rose. Completely covered with semi-double sparkling yellow blooms about the middle of May.

FRAU KARL DRUSCHKE. Hybrid Perpetual. This is the ideal hardy white rose. The snow-white, long buds are shaded pink, and open to immense, perfectly double flowers, often 4 inches across. Pure in color, perfect in form, strong grower and remarkably free flowering.

RED RADIANCE. Hybrid Tea. Large, globular double blooms of a clear brilliant red. A vigorous grower, with heavy canes and healthy foliage. One of the most dependable roses as it always blooms regardless of weather conditions.

TALISMAN. Hybrid Tea. Brilliant red and gold buds opening to well-shaped blooms of scarlet-orange and rich yellow. The finest of all garden roses for cutting. Constantly in bloom. The plant is strong and vigorous with healthy disease-resistant foliage.



Talisman—a brilliant orange-yellow and coppery-red combination.

Prices of Above Roses
Two for \$1.15; Three for \$1.65
Prepaid to 4th Zone

Rugosa Roses

HANSA. Large double fragrant flowers of a rich wine-red color. Handsome dark green foliage. Sturdy and free flowering.

SIR THOMAS LIPTON. Fragrant, double white blooms in clusters. Early and free flowering.

AMELIA GRAVEREAUX. Double fragrant flowers of bright cerise-red. One of the finest Hybrid Rugosas.

F. J. GROOTENDORST. Produces full clusters of small semi-double roses of a bright crimson; resembles the Crimson Baby Rambler. Always in bloom.

Prices of Above Rugosa Roses
Two for 90c, Three for \$1.29
Prepaid to 4th Zone

A New Rugosa Hybrid

DR. ECKENER. Large semi-double flowers of coppery rose and golden yellow. Very fragrant. New and unusual, it is really a Hybrid Tea flower on a Rugosa plant—the Talisman of the Rugosas. Price: 2-yr field-grown plants, 2 for \$1.15, 3 for \$1.65, prepaid to 4th zone.

Five Hardy Roses

One	Hansa (Rugosa)	\$1.84 Ppd.
	Grootendorst (Rugosa)	
Each	Sir Thomas Lipton (Rugosa)	
	Dorothy Perkins (Climbing)	
	Excelsa (Climbing)	



Amelia Graveraux—a bright cerise-red Rugosa.

Climbing Roses

EXCELSA. The Improved "Crimson Rambler." Immense clusters of double crimson blooms. A beautiful, vigorous and dependable climber.

DOROTHY PERKINS. Soft shell-pink, flowering profusely in large clusters. Very fragrant and lasting.

FLOWER OF FAIRFIELD. Also known as the "Everblooming Crimson Rambler." Bears large clusters of beautiful crimson blooms.

GARDENIA. Early. Yellow. Of vigorous growth and splendid foliage. Bright yellow buds open to creamy white flowers, delightfully fragrant. Blooms better on old wood.

Prices of Above Climbing Roses
Two for 69c; Three for \$1.00
Prepaid to 4th Zone

PAUL'S SCARLET CLIMBER. Most brilliant of all roses. Color, a vivid scarlet; flowers semi-double, produced in clusters on much-branched canes. Due to adverse weather conditions our stock of Paul's Scarlet Climber is very limited. Price: 2-yr. field-grown plants, two for 90c, three for \$1.29, prepaid to 4th zone.

Ornamental Vines

BITTERSWEET (*Celastrus scandens*). A rapid-growing, hardy native climber, prized for its large clusters of beautiful orange-red berries, which remain all winter. Fine for winter bouquets. Bittersweet comes in both sex plants, male and female. To insure getting berries, three vines should be planted. 2-yr. vines, 2 for 55c, 4 vines for 95c, prepaid.

CLEMATIS JACKMANI. The popular large-flowering clematis with gorgeous flowers of velvety purple-violet. Produces its flowers on new wood growth and must be cut back severely each spring. Requires winter protection. 2-yr. vines, 69c each; 2 vines for \$1.29, prepaid.

CLEMATIS PANICULATA. Excellent flowering vine for covering porches and arbors. In late summer it forms a dense sheet of fragrant, white starry flowers. 2-yr. vines, 2 for 55c, 4 vines for 95c, prepaid.

SCARLET TRUMPET HONEYSUCKLE. Handsome twining vine which can be used to cover fences, embankments or lattices. Produces a steady succession of bright scarlet, tubular flowers. 2-yr. vines, 2 for 55c, 4 vines for 95c, prepaid.

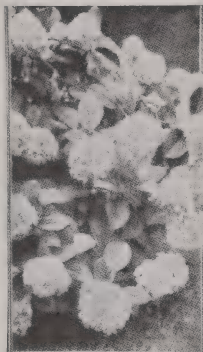
GOLDFLAME HONEYSUCKLE. Immense, showy clusters of trumpet-shaped buds and fragrant blooms. Outside of petals brilliant flame-pink, inside, creamy golden-yellow. Dark glossy foliage adds to its charm. Plants can be sheared to form a hedge, or allowed to grow naturally as a vine or shrub. Blooms freely from early spring to heavy frost. 2-yr. plants, 69c each; 2 plants for \$1.29, prepaid.



ENGELMAN'S IVY (*Ampelopsis Engelmanni*)

Produces dense, clean foliage which turns to intense scarlet in fall. Clings without support to stone, brick or stucco. Absolutely hardy; withstands heat and drought. 2 for 55c, 4 vines for 95c, prepaid.

On Nursery Orders Amounting to Less than \$1.00, add 15c for Packing.



Hydrangea Snowhill.

We recommend the heavy 3-yr. shrubs for quick results. We can give the best value for your money on these sturdy 3-year-old plants since we are not hampered by the necessity of holding down shipping weight. They are shipped Express, not prepaid. The 2-yr. plants by mail (postpaid) are ideal for those located some distance from an Express office.

YOUR CHOICE OF SHRUBS BELOW:

3 YEAR SHRUBS	55c	2 YEAR SHRUBS	39c
Not ppd.		Prepaid	
2 of a Kind for 95c.		2 of a Kind for 68c.	

BEAUTY BUSH. Graceful arching branches covered with lovely pink flowers. Spring flowering. Foliage also very attractive. (2 yr. only.)

HYDRANGEA, LARGE FLOWERING (Paniculata Grandiflora). M. Produces enormous panicles of pure white flowers, which change to pink and bronze in fall; often cut for winter house decoration.

HYDRANGEA SNOWHILL (Arborescens). M. Large white snowball-like flowers from July to frost. Likes partial shade.

Hardy Flowering Shrubs

Plant dwarf shrubs (marked D.), about 1-2 ft. apart. Medium shrubs (marked M.), about 2-3 ft. apart, and large shrubs (marked L.), about 3-4 ft. apart.

YOUR CHOICE OF SHRUBS LISTED BELOW:

HEAVY 45c EACH
3-Yr. Plants Not Prepaid

Two of a Kind for 79c (By Express)

HARDY 32c EACH
2-Yr. Plants POSTPAID

Two of a Kind for 59c

BARBERRY, RED LEAF. D. Rich bronze-red leaves that hold their color all summer. A bright contrast to other shrubs. Plant in full sunlight.

BARBERRY, JAPANESE (Thunbergi). D. Its low spreading growth forms a dense bush. Scarlet and bronze in fall, studded with brilliant red berries.

COTONEASTER (Quince Berry). M. A neat clean shrub with small rounded leaves, dark green and glossy. Inconspicuous pink flowers followed by black fruit.

CRANBERRY, HIGHBUSH. L. Handsome shrub with dense brilliant green foliage. White flowers in spring, followed by big clusters of edible red berries. (See page 39.)

DOGWOOD, RED-TWIGGED (Cornus). L. Bright coral-red branches make this sturdy shrub attractive in all seasons.

FORSYTHIA (Golden Bell). L. A graceful ornamental shrub with brilliant golden yellow bell-shaped flowers in early spring.

THE BEST IN SPIREAS!

SPIREA (Dwarf Red) ANTHONY WATERER. D. A low bush with erect stems 3-4 ft. high. Rosy-crimson flowers in flat-top clusters all summer.

SPIREA (Dwarf Pink) FROEBEL. D. Very fine, dwarf shrub, covered from July to September with a mass of bright rose-pink flowers.

SPIREA (Pink Summer) BILLARDI. M. Plum-like flowers of delicate rose-pink at end of branches in July and August.

SPIREA (Snow Garland) ARGUTA. M. Graceful and attractive all season, with long light green leaves. A profusion of dainty white blossoms in May.

SPIREA (Bridal Wreath) VAN HOUTTEI. M. Graceful, arching branches completely covered with tiny snow-white flowers in late May.



Weigela, 39c ppd.



Bridal Wreath, 32c.



Forsythia, 32c ppd.



Hydrangea Snowhill, 39c.



Spirea A. Waterer, 32c.

MAYFLOWER BUSH. Brought by Professor Hansen from The Imperial Gardens of Russia. Large bush literally covered with white bloom. Flowers even before Bridal Wreath.

MOCK ORANGE, DOUBLE FLOWERING (Viginal). L. Magnificent new variety with large creamy-white, fragrant double flowers. In full bloom in spring, followed by occasional flowers all season.

PURPLE LEAF BUSH CHERRY (Cistena). M. Its purple foliage produces a fine color effect, a striking contrast in shrub plantings.

ROSE TREE OF CHINA (Prunus Triloba). M. A great attraction in early spring when every branch is completely covered with clusters of large double pink, rose-like flowers.

WEIGELA (Floribunda). M. Of spreading habit, with slender branches well covered with crimson trumpet-shaped flowers in July.

GOLDEN ELDER. L. A handsome, wide-spreading shrub with bright yellow leaves all season. The color is more intense when planted in a sunny position.

HONEYSUCKLE, RED BUSH (Lonicera Tartarica Rosea). L. Delicately shaped rose-pink flowers followed by bright red berries. Thrive in sun or shade. Makes ideal tall screen hedge along back boundary of lot to screen off any undesirable view.

MOCK ORANGE (Philadelphus Coronarius). L. A splendid, tall ornamental shrub. Clusters of large white flowers, delightfully fragrant.

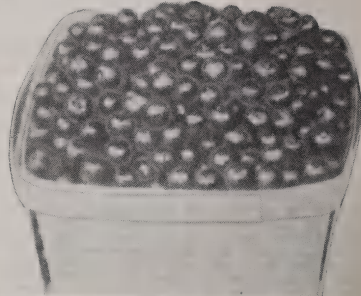
SNOWBALL. Old-Fashioned Favorite. L. Covered with pure white "snowballs" in early spring. Grows in full sun or partial shade.

TAMARIX. Lace Tree. L. Striking and unusual with feathery foliage and open clusters of small pink flowers at end of branches in June and July.

LILACS—French and Persian: pages 36, 39.

JUNE BERRY! ORNAMENTAL SHRUB PLUS USEFUL FRUIT!

Resembles the blueberry in appearance and taste. Makes delicious pies or sauce. Juneberry is easy to grow—thrives in most any soil and is a beautiful ornamental shrub. Include it in your landscape planting, for its early white blossoms and later clusters of reddish berries, which turn blue when the fruit is edible. An abundance of berries are now ready to be picked. Every home should have at least two plants to insure fruiting. Prices above.





NEW DOUBLE FRENCH LILACS

(See page 36)

Chas. Joly, Red; Madame Lemoine, White;
Pres. Grey, Blue.

3 Plants one of each Red, White and Blue } 3 yr. size \$1.98 ppd.
2 yr. size \$1.68 ppd.



HIGH BUSH CRANBERRY

Beautiful fruiting shrub, white flowers and clusters of bright red berries—foliage a reddish color in fall—fruit fine for jelly. Very hardy—ornamental and useful.

2 year size 32c each Two for 59c ppd.
3 year size 45c each Two for 79c not ppd.



DR. ECKENER RUGOSA ROSE

Rich salmon pink color with gold at base of petals—large blooms semi-double. Free flowering—extra hardy, needs no winter covering.

Two yr. Field grown plants: 2 for \$1.15; 3 for \$1.65 ppd.

← TAMARIX—Lace Tree

Beautiful hardy shrub with striking feathery foliage and open clusters of small pink flowers in June and July.

2 year, Two for 59c ppd. 3 yr. size, Two for 79c not ppd.

RED SCHWEDLER MAPLE

Most beautiful lawn tree with gleaming purple-red leaves in spring, later turning to a beautiful bronze-green—very hardy and ornamental.

6-7 ft. trees each \$1.75 not ppd.
7-8 ft. trees each \$2.25 not ppd. →



HOME LANDSCAPE COLLECTION

The best hardy dependable flowering shrubs for foundation or landscape planting. Enhance your home many times this small cost in a short time.

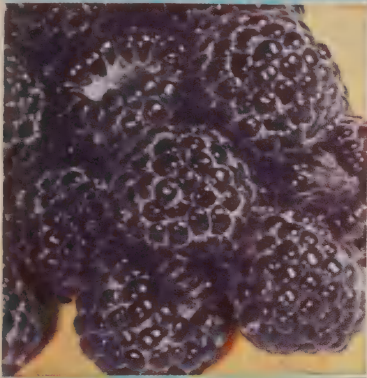
- A-1 Red Honeysuckle
- E-1 Spirea-Dwarf Pink
- B-1 Hydrangea Snowhill
- D-1 Spirea Bridal Wreath
- F-1 Forsythia-Golden Bell
- C-1 Hydrangea P. G.
- G-1 Double Mock Orange

All 7 Shrubs
3-year size
(Value \$3.45)
For Only **\$2⁹⁵**
Not Prepaid
By Exp.

7 Shrubs—one of each
2 year size
(Value \$2.45) **\$1⁹⁵**
Prepaid



Latham Raspberry World's largest red Raspberry. Top notch quality and greatest producer. (Page 31) Heavy 2-yr. plants postpaid: **12 for \$129**



Cumberland Black Raspberry Large, firm, appetizing fruit. (Page 31) Heavy 2-year plants postpaid: **12 for \$129**



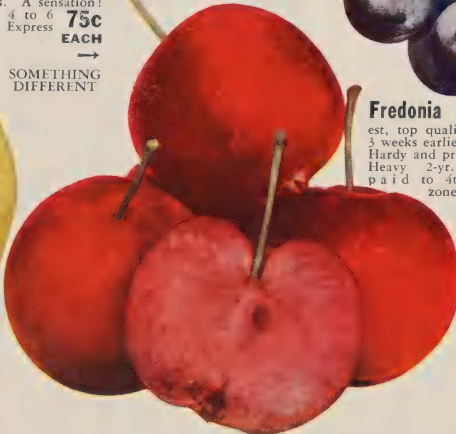
Superior Plum Rivals big California Burbank Plums in size and quality. Very hardy. (Page 32) 4 to 6 ft. trees by Express: **EACH 55c**

Kaga Prize Plum Equals California's Plums in size and quality. Hardy for the North. Ideal Pollinizer Plum. (Page 32) 4 to 6 ft. trees by Exp. **EACH 55c**



New Red Flesh Crab Delicious bright red apple sauce, jam or jelly! Striking red flesh—red skin—red flowers. A sensation! (Page 33) 4 to 6 ft. trees by Express: **75c EACH**

SOMETHING DIFFERENT



Fredonia Grapes The earliest, top quality black Grape, 3 weeks earlier than Concord! Hardy and prolific. (Page 31) Heavy 2-yr. plants postpaid to 4th zone: **3 for 75c**



★ ★
No Gift Offer on Strawberries

Wayzata Strawberries

Greatest market Everbearer gives you super quality, big red berries from June to first hard frost. (Page 29) (No free gifts.) **25 plants 95c** Postpaid:

New Hennepin Plum

Rich purple-red flesh makes appetizing, attractive preserves! Triumph of Minnesota Fruit Breeding Farm. (Page 32) 4 to 6 ft. trees by Express: **EACH 65c**

Sapa Cherry

Large, hardy hybrid Cherries with delicious wine-red flesh. (Page 33) 4 to 6 ft. trees by Express: **EACH 55c**



NEW APRICOT

"Scout" A surprise from Canada! Luscious, golden apricots, large size, free-stone. Remarkable quality—super hardy. (Page 33) Plant Scout with a Hansen Apricot to pollinate. **2 trees, 4 to 5 ft. \$138** (1 of each) by Exp.



New Boysenberry Huge, luscious berries 3 1/2 inches long. (Page 31) Sturdy plants. Postpaid: **12 for \$100**



Jumbo Blueberries Loads of giant, appetizing berries from your yard! 2-year plants, postpaid, with free acid humus: **2 for \$179**

★ ★ ★ → (FREE GIFTS - page 30)

Red Haralson Apple Minnesota's prize winter Apple. Large fruits, high color, fine flavor, and best keeper of all. (Page 32) 4 to 6 ft. trees by Express: **EACH 55c**

Beacon Apple Finest early fall eating Apple. Tops in flavor and all red. (Page 32) 4 to 6 ft. trees by Express: **EACH 65c**

Wedge Apple Finest red fall Apple and heavy yielder of richly flavored fruit. (Page 32) 4 to 6 ft. trees by Express: **EACH 65c**

FREE GIFTS with Early Orders

See Page 30

Add 15c for Packing on NURSERY ORDERS UNDER \$1.00

Stock quoted "By Exp." is shipped express collect for shipping charges

Quantity Prices—Pages 31, 32 & 33.

**Minn. Fruit Farm
APPLE ORCHARD**

- 2 Beacon (Summer Apple)
- 1 Whitney (Canning Crab)
- 1 Wedge (Fall Apple)
- 3 Haralson (Winter Apples)
- 3 Prairie Spy (Winter Apples)

10 TREES 4 to 5 ft. by express Weight 18 lbs. (Value \$6.10) **\$485**

10 Trees, 3 to 4 ft. (Value \$4.85) not prepaid \$4.15

Surprise Gift Included,—to offset Express Chg.

N. W. Greening Apple A good baking and pie Apple and a fine keeper. (Page 32) 4 to 6 ft. trees by Express: **EACH 55c**

New Prairie Spy Apple Minnesota's newest! A good keeping super-quality Apple that can't be beat by fruit from any section! (Page 32) 4 to 6 ft. trees by Exp.: **65c EACH**

Cortland Apple Luscious new fall and winter Apples hang well to tree. A market leader. (Page 32) 4 to 6 ft. trees by Express: **EACH 55c**



New Perennials You Must Have

BLAZE-O-MUMS

Glory Of The Fall Garden

4 DISTINCT
BRILLIANT
COLORS FOR **85¢**

Bushes of brilliant pompon-shaped blooms growing in bush form, 2 feet in diameter. Hundreds of blooms completely cover the bush until killed by hard frosts. Your choice of Pink Golden-yellow, Bronze or White.

4 for 85c,
8 for \$1.35,
prepaid.

BIG 8 OFFER PERENNIALS

- 2—Hardy Asters
- 2—Hybrid Aquilegias
- 2—Pac. Gia. Delphiniums
- 2—Hardy Phlox

—8—Our Selection—Label-
ed.

\$1.40
ppd.

5 HARDY PHLOX ppd. \$1

Spotlight Your Garden With
These Striking New Colors

- Chieftain—Brilliant red
- Mrs. Harding—Salmon-pink
- Colonial—Lavender
- Rokoko—Large bright pink
- Wm. Kesselring—Rosy purple

Our Plants are Sturdy Field-Grown—Freshly Dug

HARDY ASTERS

Brilliant Colors for Gay
Autumn Display

- Red Rover, Rose-red
- Blue Gem, Rich blue
- Sunset, Glorious
sunset-pink

- Queen Mary, Lavender
- White Lady, Pure white

5
Plants
for
\$1.00
ppd.

PACIFIC GIANT HYBRID DELPHINIUMS

Most Beautiful of All Delphiniums

Spikes 3 to 5 feet in height, individual flowers from 2 to 3 inches in diameter. The stems are wiry and strong enough to resist high winds. Mixed Colors only, in shades of blue, lavender and violet. 4 for 85c, 8 for \$1.35, prepaid

CAMPANULA—BELLFLOWER Blue Spire

Large handsome bell-shaped flowers of bright blue on tall 2-foot stems. Excellent for cutting.

3 for 85c, 6 for \$1.50, prepaid

SHASTA DAISY White Swan

Also known as Double White Memorial Day Daisy, Pure white, fully double. In bloom Memorial Day.

3 for 85c, 6 for \$1.50, prepaid

AQUILEGIA—COLUMBINE Crimson Star

An Entirely New Color In Aquilegias

Your choice of Crimson Star or Long-Spurred Hybrids in Mixed Colors—

3 for 65c, 6 for \$1.10, prepaid

Newest Exhibition Gladioli

Cut Flower Favorites

Eight Prize Winners

AVE MARIA. An exquisite shade of light blue.
BAGDAD. Very large smoky salmon-rose.
BIT O' HEAVEN. A true orange. Tall and straight.

BRIGHTSIDE. Rich yellow tipped bittersweet orange. Ruffled petals with a lustrous sheen.

DEBONAIR. A warm light pink with creamy throat flecked crimson. An exquisite Glad.

DR. F. E. BENNETT. Flaming scarlet with ruby and white lines in throat.

DREAM O' BEAUTY. Brilliant rose-red.

EARLY MELODY. Orchid-lavender. Large open florets.

LOTUS. Ruffled shell-pink with a waxy sheen.

MAID OF ORLEANS. Pure white with a creamy throat. Good straight spikes and perfectly placed florets.

MARGARET FULTON. A beautiful rich salmon-pink.

PHYLLIS McQUISTON. Pure pink without markings.

PICARDY. Ruffled shrimp-pink. Huge spikes with immense florets of waxy substance. The ideal Glad.

RECOVERY. Salmon, suffused rose-red. Very large.

WASAGA. An exquisite clear apricot.

Price any of above:

Each 6c; dozen 60c, prepaid.

Cut Flower Favorites

15 One each of above—All Labeled
 (Value 90c)
 Two Collections
 (30 Bulbs) for \$1.25 ppd. 70c ppd.

For Sturdier Plants and Larger Blooms

TREAT YOUR BULBS WITH SEMESAN

Just Before Planting

1. Remove the skins so that the combs are bare. (In doing this be careful not to injure the tips). Burn the skins.

2. Dissolve 1½ ounces of Semesan in one gallon of water. Cover the bulbs with this liquid and let them stand for 7 hours. Plant immediately.

Price: 2 oz. can Semesan 35c, prepaid. Full directions with each package. For larger quantities, see page 12.

"Flare" A New Giant Fiery-Red Glad

Withstands Heat and
Drought

This giant exhibition Glad has everything—flashing color, immense size, resistance to heat. Fiery scarlet with a lighter throat, the immense wide-open florets are 5 inches across, with six or more open at one time. A spike of maximum size is equal to Picardy—tall, straight and vigorous. Each 15c, 6 for 80c, doz. \$1.50 prepaid.

Audel's Garden Books

AUDELS' GARDENERS' AND GROWERS' GUIDE—Four volumes, 1,700 pages, hundreds of illustrations. Tells how to prepare the soil, how to plant, grow and improve vegetables, fruits and flowers. Flexible art binding, \$5.35, prepaid. Circular free.

AUDELS' FLOWER EDUCATOR—Six hundred pages, hundreds of illustrations. Gives successful directions for planting and growing Annuals, Perennials, Bulbs, Shrubs and Fine Lawns. Invaluable to every gardener. Flexible art binding, \$1.50, prepaid.

"Flare"—a Sensational Novelty for 1942

That You Can't Afford to Miss!
See Description Center of Page

AMRITA. Ruffled apricot with golden throat.
BLUE BEAUTY. Large light blue suffused violet.
CHIEF MULTNOMAH. Smoky red-purple. Large and vigorous.
NEW ERA. Beautiful rose-pink. Petals of heavy texture, intensely ruffled.
OREGON STATE. Salmon-pink with cream throat.
PURITAN. An exquisitely ruffled light pink.
REWI FALLU. A massive deep blood-red.
RUFFLED BEAUTY. Light yellow, charmingly ruffled.

Price any of above:

Each 12c; dozen \$1.20, prepaid.

Special—One each of above Prize Winners for 80c, ppd.

Twelve Aristocrats

BEACON. Vivid scarlet; creamy throat blotch.
BLUE ADMIRAL. Fine deep blue of good size.
CAMELLIA. Blush-pink with scarlet blotch.
COLOSSUS. Huge salmon-pink with small red throat-blotch.
COMMANDER KOEHL. Massive dark red blooms.
GOLDEN CHIMES. Ruffled light yellow.
IRAQ. Clear silvery gray with a beautiful sheen.
JALNA. Terra cotta striped slate. A novelty Glad.
ORANGE PRINCESS. Beautiful salmon-orange with small crimson feather. Somewhat ruffled.
SHIRLEY TEMPLE. Heavily ruffled cream flowers with deeper cream throat. One of the finest.

SMILING MAESTRO. Deep salmon-rose, flaked darker.
VAGABOND PRINCE. Rich russet red, throat ruby-red.

Price any of above
Twelve Aristocrats.
Each 8c; doz. 75c,
prepaid.

Camellia →
Exquisite blush-pink

Special Introductory Offer

We Will Include Free
One Bulb New Giant Flare
With Your Order For
Eight Prize Winner Glads
(as described at top of page)

Total Value \$1.11

All for 80c ppd.



To Have Glads for Cutting From Early July Until Frost Plant Every Two Weeks
Until July 15th.



AVALON, a rich bright yellow Dahlia.

Miniature Dahlias

*Are Easy To Grow
And The More You Cut Them
The Better They Like It.*

The dwarf bushy plants are ideal for filling in the "bare spots" in the garden after the early spring flowers are gone. They require no staking or disbudding and furnish a constant supply of flowers from early August to frost.

ACHIEVEMENT. Large velvety maroon petals and small, pure white petals within each maroon petal. Each 30c.

ANEMONE. Beautiful white single-flowered, with yellow pollen center. Each 40c.

BABY BEAUTY. A miniature Jersey's Beauty, with the same lovely rose-pink color and good growing habits. Each 30c.

BABY ROYAL. Salmon-pink, shaded apricot. Exceptionally free flowering. Each 25c.

BISHOP OF LLANDOFF. Brilliant rich red blooms; lacy, reddish-bronze foliage. A wonderful landscape and cutting variety. Each 30c.

ELIZABETH PAPE. Soft yellow, overlaid with salmon-pink. Each 30c.

JEAN. Apricot buff, suffused rose. Each 35c.

MRS. GEO. MUMFORD, JR. Scarlet-orange with a white collar, each 35c.

PEGGY WOOD. An Indian-red and white bi-color, perfectly proportioned. Each 40c.

RED PAPOOSE. Deep glowing crimson. An abundant bloomer. Each 25c.

SALMON QUEEN. A pompon dahlia of salmon-pink shading to coral and gold. Each 25c.

Pompon or Bouquet Dahlias

One Each of
5 Amber Queen, Apricot
Cardinal, Scarlet-red
Cora May, Shrimp-pink
Golden Queen, Yellow
Nona, Orange-red
\$1.00
ppd.

Dahlias of Quality

Key to Abbreviations: F. D., Formal Decorative; I. D., Informal Decorative; C., Cactus

Novelty Dahlias

ANDREAS HOFER. (C.) A lovely, delicate rose-pink with cream center. Very early and free flowering. Each 40c.

MARY CURTIN. (F. D.) Brilliant crimson-red, tipped white. Each 45c.

MRS. JOHN T. SCHEEPERS. (F. D.) A blending of cream, yellow and pink. Each 40c.

MISS BELGIUM. (C.) Flame-orange. A decided novelty with long pointed petals. Each 50c.

NANAQUAKET. (F. D.) Bright clear lavender. Each 35c.

ROYCROFT. (C.) Deep orange terracotta suffused with rose. Large artistic flowers on good stems. Blooms early and continuously. Each 45c.

Novelty Collection—One each of above for \$2.25 prepaid.

Exhibition Dahlias

BETTY COULTER. (F. D.) Salmon suffused red. Mammoth blooms on stiff stems. Early. Each 40c.

JERSEY'S MAMMOTH. (I. D.) Immense flowers of coppery bronze. Each 40c.

MARSHALL'S BEAUTY. (F. D.) The best orchid-lavender dahlia. Each 45c.

MRS. A. E. WHEELER. (I. D.) Huge flowers of crimson-maroon. Each 50c.

PRIDE OF STRATFORD. (I. D.) Bronze suffused red. An early and abundant bloomer. Each 35c.

PRINCE OF PERSIA. (I. D.) Glowing cardinal-red. Strong grower, with flowers of great size and substance. Each 50c.

SAMOSSET. (I. D.) A giant salmon-pink, with lilac infusion. Each 40c.

Exhibition Collection—One each of above for \$2.60 prepaid.

Dahlias for Cutting — 3 for \$1.00

AVALON. (F. D.) Rich, bright yellow. Ideal for cutting and a wonderful keeper.

CHEMAR'S EUREKA. (F. D.) The best white.

JANE COWL. (I. D.) Golden bronze, shaded apricot.

JERSEY'S BEACON. (F. D.) Chinese scarlet, with a paler reverse, giving a two-tone effect.

JERSEY'S BEAUTY. (F. D.) A true rose-pink of perfect form.

JERSEY'S TRIUMPH. (F. D.) A blend of bronze and copper.

KATHLEEN NORRIS. (I. D.) True rose-pink, deepening to mallow pink.

LE GRAND MANITOU. (F. D.) Bright purple, striped white.

MARSHALL'S MASTERPIECE. (F. D.) Deep, velvety maroon.

RADIO. (I. D.) Crimson-red, shaded brilliant gold.

RALPH BLODGETT. (F. D.) Bright, rich orange, tipped white.

SANHICAN'S PEACH. (I. D.) Copper-bronze, blended peach.



19

Roots for \$1.35

We have become so accustomed to seeing Cannas in formal beds in parks that we feel they have no place in smaller plantings. However, the stately plants with their brilliant clusters of flowers hold their own when interplanted with shrubs or in bare spots in the perennial border. Try placing them in groups of three and let them highlight your garden this summer.

A round Canna held seven feet in diameter requires 19 Cannas planted 18 inches apart each way. A 10-foot bed requires 37 plants.

Grow Cannas

For Their Richly Colored Flowers and Attractive Tropical Foliage

Planted among low-growing shrubs or in the perennial border they will provide a colorful summer display.

KING HUMBERT. 4 ft. Large trusses of orange-scarlet flowers. Foliage is bronze, very broad and handsome. A "Gold Medal" canna.

THE PRESIDENT. 4½ ft. Rich glowing scarlet flowers, 7 inches across, on strong, erect stalks. The foliage is green.

HUNGARIA. 3½ ft. The best pink canna. Leaves bluish-green, never burn. Trusses are compact and of enormous size.

YELLOW KING HUMBERT. 4 ft. Flowers a deep rich yellow, softly spotted and blotched with bright red. Foliage very dark green.

APRICOT. 4 ft. Color, buff-yellow over-spread with salmon-pink, producing a mass effect of rich apricot.

MRS. ALFRED F. CONRAD. 4 ft. Unsurpassed for planting either singly or in large beds. Foliage is green; flowers exquisite pink.

GOLDEN GATE. 4 ft. Color, pure golden yellow. Very rich and effective. Flowers of good size held well above the foliage.

Price, any of the above dormant roots,
15c each, 6 for 50c, 12 for 90c,
25 for \$1.60, prepaid.

Hardy Garden Lilies

The hardy border is an ideal location for lilies, as they need sunshine on their tops and shade about their roots. The foliage of surrounding low shrubbery and plants provides shade and shows the flowers to best advantage.

CANADENSE LILY

Height 3-5 ft. Broad funnel-shaped drooping flowers, varying from yellow to orange; spotted inside. A graceful lily, splendid for naturalizing among perennials or low-growing shrubbery. Blooms in June and July. Each 25c, 3 for 65c, prepaid.

CANDLESTICK LILY (Umbellatum)

Height 2-3 ft. A showy, sun-loving variety that is easily grown. The large, orange-red flowers are held erect like widespread chalice, and are borne in great profusion in June. Each 25c, 3 for 65c, prepaid.

CORAL LILY (Tenifolium)

Height 2 ft. A charming little lily for the border or rock garden. The brilliant coral-red flowers are borne in clusters of five to fifteen on slender stems. Foliage is finely cut and fern-like. Blooms in July. Each 20c, 3 for 50c, prepaid.

DOUBLE TIGER LILY (Tigrinum Flore Pleno)

Height 5 ft. Handsome, showy lilies of easy culture, producing an abundance of orange-scarlet flowers in August. Very hardy and vigorous. Each 25c, 3 for 65c, prepaid.

PHILIPPINENSE FORMOSANUM

Height 3-4 ft. In general appearance, very like the Regal Lily. The long, white trumpet-shaped flowers have a pale emerald-green throat which gives them a distinct and delicate appearance. Bloom from August to frost. Each 35c, 3 for 90c, prepaid.

WHITE QUEEN (Longiflorum Praecox)

A hardy variety of Easter Lily, developed for garden use only. Of easy culture, it is disease proof and multiplies well. Each 35c, 3 for \$1.00, prepaid.

REGAL LILY (Regale)

Height 3-5 ft. The easiest of all lilies to grow, and the most beautiful of all the true trumpet-shaped varieties. The large flowers are ivory white, shaded rose, with centers flushed yellow. The stems are sturdy and bear clusters of 2-8 fragrant flowers in June. Each 25c, 3 for 65c, prepaid.

SUNSET LILY (Pardalimum Giganteum)

Height 4-6 ft. Brilliant sunset-red, with base of flowers yellow, heavily spotted rich brown. The petals are somewhat recurving. Grow under ideal conditions, this lily will bear from 12 to 20 flowers on a 6-foot stem. Blooms in July. Each 35c, 3 for 90c, prepaid.

TURK'S CAP LILY (Superbum)

Height 3-8 ft. The most magnificent and showy of the native North American species. This splendid lily produces from 1-40 flowers of brilliant orange-scarlet, shaded yellow, and spotted brown. Blooms in late July. Each 25c, 3 for 65c, prepaid.

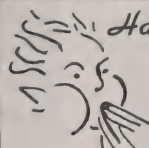
BLACKBERRY LILY (Pardanthus)

Height 2-3 ft. A lovely old-fashioned flower for the hardy border. Belonging to the Iris Family, it has iris-like leaves and orange flowers, spotted black, followed by ornamental clusters of shining black seeds, resembling blackberries. Of easy culture in a rich sandy loam in full sunlight. Plant 6 inches apart. Blooms in June. Each 25c, 3 for 65c, prepaid.

Day Lilies on Page 46



Regal Lilies—Most Beautiful and Hardest of All Lilies.



Hardy Lily Collection

One of Each for
CANDLESTICK
CORAL LILY
DOUBLE TIGER
CANADENSE LILY
REGAL LILY
TURK'S CAP
ppd.
(Value \$1.45)

\$1.10

Miscellaneous Spring BULBS

GOLDEN CALLA (ELLIOTTIANA)

Here is a delightful and unusual summer flowering bulb for your garden. The deep golden yellow flowers are truly magnificent and are produced in great abundance. The green foliage is spotted with white, which greatly adds to its beauty. Partial shade and moist soil are its simple requirements. The bulbs must be dug in the fall and stored like Gladioli. Each 35c, 3 for 85c, prepaid.

TUBEROSE (DWARF DOUBLE PEARL)

Height 18 in. Dwarf, stocky plants, with spikes of pure white wax-like double flowers with a delicious fragrance. Bulbs planted in a sunny position in the garden in May, bloom in fall. If early flowers are wanted, bulbs may be started in pots in the house, and transplanted to the open ground in May. To preserve tubers over winter, they must be kept in a warm room, or the flower stem will rot, and the tubers never bloom. 3 for 25c, dozen 90c, prepaid.

ELEPHANT'S EAR (CALADIUM ESCULENTUM)

One of the most effective foliage plants for beds or borders. Of tropical appearance with rich green heart or shield-shaped leaves, often 4 ft. long and 2½ ft. wide. Can be planted with good effect as a border for Cannas. First Size Bulbs 3 for 50c, 6 for 90c, prepaid.

CINNAMON VINE (DIOSCOREA BATATAS)

A beautiful climber—growing 30 ft. in a single season. Easily trained. It has glossy heart-shaped foliage and produces clusters of delicate white flowers, very fragrant. Especially hardy and will thrive anywhere. Strong roots each 20c, 3 for 50c, prepaid.

MADEIRA VINE (CLIMBING MIGNONETTE)

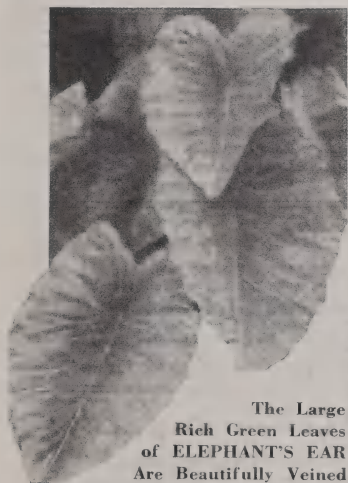
Has small white feathery flowers; light green leaves, heart-shaped and is a rapid grower. Fine for arbor, trellis or summer houses. A free, constant bloomer—not hardy. Large bulbs 3 for 25c, dozen 90c, prepaid.



Giant Hybrid
Amaryllis

Most Gorgeous of All House Plants
Immense lily-like flowers of perfect form, ranging in color from pure white ground with varied markings of rose, red and crimson, to the richest self colors of scarlet and crimson. Planting directions with every order.
Mixed colors only, each 40c, prepaid.

3 for \$1.00



The Large
Rich Green Leaves
of ELEPHANT'S EAR
Are Beautifully Veined

Oxalis

(Shamrock)

For Borders, Edgings, Pot-Plants
or Hanging Baskets

Grown as an edging, they produce an unbroken row of clover-like foliage about 1 foot high, and bloom continuously. The flowers are borne in clusters and come in red, white and pink. Mixed Colors Only, 12 for 35c, 25 for 60c, prepaid.

If Interested in Bulbs for Fall Planting, such as Tulips, Hyacinths, Narcissi, etc., send for our Special Bulb Folder—ready September 15th.

From Our Perennial Plant Gardens

Aquilegia-Columbine

See Color Illustration Page 42.

CRIMSON STAR. Sepals and spurs crimson, center petals white with yellow stamens.

CHRYSANTHA. Beautiful golden yellow flowers. Bloom for two months.

ROSE SHADES. A mixture of long-spurred flowers in shades of light to deep rose.

BLUE SHADES. Colors, light to deep blue.

SCOTT ELLIOTT LONG-SPURRED HYBRIDS. Very large flowers with long spurs. All colors, with pastel tones predominating.

Price any of above, 3 for 65c; 6 for \$1.10, prepaid.

Hardy Asters, (3-4 ft.)

See Color Illustration Page 42.

BLUE GEM. Double flowers of rich blue.

WHITE LADY. Pure white.

QUEEN MARY. Rosy lavender.

RED ROVER. Rose-red; yellow center.

SUNSET. A glorious sunset-pink.

Price of Hardy Asters, 5 for \$1.00, ppd.

Dwarf Asters

For Edging or Rock Gardens.

RONALD. Rose, **VICTOR.** Lavender-blue.

CONSTANCE. Shell-pink.

Price of Dwarf Asters, 3 for 75c, ppd.

Baby's Breath

(Gypsophila)

BODGERI. 2 ft. The very double flowers open pure white, changing to blush-pink as they age. In bloom early, and continues until fall.

BRISTOL FAIRY. 3 ft. Early double-flowing pure white.

ROSY VEIL. A new dwarf pink double Baby's Breath that begins flowering two weeks earlier than other varieties.

OLDHAMIANA. 3 ft. A pink variety with fragrant pink flowers. Blooms in August.

PANICULATA. 3 ft. Forms a symmetrical mass of minute white flowers. Blooms in August.

Price, any of above: Each 35c, 3 for \$1.00, prepaid.



A well-planned Perennial Border has flowers in bloom from early spring to frost

Campanula-Bellflower

See Color Illustration Page 42.

PERSICIFOLIA. New Blue Spire. Large double blue flowers on 2 ft. stems. Each 35c, 3 for 85c, prepaid.

PERSICIFOLIA ALBA. New White Peach Bell. 2 ft. Large, handsome white bell-shaped flowers. Each 35c, 3 for \$1.00, prepaid.

PERSICIFOLIA GRANDIFLORA. Plants produce a magnificent display of bell-shaped flowers on 3-foot stems. Colors: medium blue and white. 3 for 60c, ppd.

TRACHELIUM. Coventry Bells. 2 ft. Drooping flowers of light purple. 3 for 60c, prepaid.

TURBINATA. Improved Carpathian Harebell. 6 in. One of the prettiest blue-flowering plants for edging or rock gardens. 3 for 60c, prepaid.

Delphiniums-Larkspur

Shown in Color on Page 42.

GOLD MEDAL HYBRIDS. 4-5 ft. A beautiful strain, with colors ranging from pale lavender to indigo-blue; many double flowered. 4 for 85c, postpaid.

DREAMS OF BEAUTY. 5 ft. A disease-resistant strain from the Pacific Coast. The flowers are single, semi-double and double and the colors run from sky blue to dark blue, many with a pinkish frill. 3 for 75c, postpaid.

PACIFIC GIANTS. See page 42.

← Trollius (Globe Flower)

Beautiful globe-shaped orange flowers on 18-inch stems. Bloom in late June and July. 3 for 75c, ppd.



Trollius—One of the choicest perennials for cutting

Dainty New Violas

JERSEY GEM (Tufted Pansy). Short, bushy growth, blooming throughout the summer; flowers of rich pure violet, on long stems. 3 for 60c, prepaid.

ROSINA (Sweet Violet). Produces an abundance of fragrant, rose-pink flowers in spring and again in fall. 3 for 65c, prepaid.

Beautiful New Iris

ALABASTER. Pure glistening white.

BUTO. A rich deep velvety purple.

CORONATION. Very fine deep yellow.

CORRIDA. A distinct cornflower-blue.

KING JUBA. Standards old gold; falls brilliant carmine.

LABOR. Deep violet, suffused copper.

MIDGARD. An outstanding combination of peach and yellow.

MORNING SPLENDOR. A massive red-purple Iris.

PLUTE D'OR. (Golden Rain.) Golden-yellow.

RAMASES. A blend of rose, pink and buff.

WEDGEWOOD. Delicate pottery-blue.

Price, any of above: 3 for 60c, ppd.

Siberian Iris

These are ideal for planting around pools, bird baths or in the perennial border. Grow 3-4 ft. tall, with narrow grass-like foliage, attractive at all seasons. The flowers are wonderful for cutting.

BLUE HERON. Medium blue.

DRAGONFLY. Intense blue.

SKYLARK. Dark blue.

STARDUST. Snow white with golden center.

PERIWINKLE. Bright violet-blue.

Any of the above, 3 for 60c, ppd.

6 Hardy Perennials That Are Easy To Grow

One of Each	Blue Cornflower (Centaurea)	98c
	Physostegia Summer Glow	ppd.
	Blazing Star (Liatris)	ppd.
	Double Buttercup	Two Collections for \$1.80 ppd.
	Lychnis Salmon Queen	
	Gaillardia Tangerine	

Bleeding Hearts

BLEEDING HEART, Eximia. A dwarf-growing sort, with beautiful, fern-like foliage and showy racemes of pink flowers. Each 40c.

BLEEDING HEART, Spectabilis. 1½ ft. Long racemes of graceful heart-shaped pink flowers in May. Prefers shade. Each, 45c, prepaid.

Special—One of Each for 75c ppd.

Golden Day Lilies

(Hemerocallis)

One each of the following:

BAY STATE. 4 ft. Brilliant, glistening, deep yellow flowers with fluted petals. July.

GOLD DUST. 2 ft. Glowing golden-orange flowers in May and June.

J. A. CRAWFORD. 4 ft. Rich apricot-yellow. Blooms late June and July.

THE GEM. 3½ ft. Deep orange-yellow. In full bloom June 20th. One of the finest.

THUNBERGI. (Lemon Lily.) 3 ft. Clear pale yellow. Very fragrant. Blooms in July.

5 for \$1.00 ppd.

Hardy Garden Chrysanthemums

AGNES S. CLARK. Apricot-salmon suffused glowing bronze. Large single blooms in late September.

CALIPH. Rich blood-red double flowers with a luminous glow. Early October.

EARLY BRONZE. Begins blooming in late August. Flowers are semi-double and long-lasting.

KING MIDAS. Begins flowering in late September and continues throughout October. Blooms are fully double, of a soft shade of yellow, tinged with bronze.

LOUISE SCHLING. Single flowers of salmon-red changing to salmon-bronze. Very fine. In full bloom early October.

PINK LUSTRE. Flowers are single, of a delightful shade of orchid-pink. Blooms from late September throughout October.

ROSE GLOW. Double flowers of a glowing old-rose. Blooms profusely from September to frost.

THALIA. Duplex flowers of a lively orange shade; of excellent form and texture. Blooms profusely in early autumn.

8 Plants one each of above **\$1.75** ppd.

New "Earliest-of-All" Mum Collection

Produced by U. S. Dept. of
Agriculture

ALGONQUIN. Large brilliant double yellow.
GERONIMO. Fully double bronze.
MUSGOGE. Semi-double purplish rose.
SEMINOLE. Double creamy white.
POHATONG. Large double pale lavender.
OTSEGO. Double lavender and pink.

6 Plants, one of each, \$1.50

Seven Leaders In The Mum Parade

AUTUMN LIGHTS. A magnificent coppery bronze. Blooms about Sept. 20th. Flowers are single and are borne in great profusion.

GLEAM O'GOLD. Double flowers of gleaming primrose-yellow. In bloom by October 1st.

LAVERDER LADY. Rare and lovely is this double Chrysanthemum with silvery lavender flowers 3 inches across. Blooms October 8th.

MILKY WAY. A new hybrid seedling with broad overlapping petals. Flowers are milky white with rich yellow centers.

MRS. PIERRE DU PONT. Sensational new peach-pink, tinted salmon and fawn, with a luminous sheen. Large full flowers of perfect form. Blooms early October.

PALE MOON. Fluffy sulphur-yellow, flowers loosely double. Blooms first week in October.

ROBERTA COPELAND. Raspberry-red to rose-red. Double flowers—indispensable for early cut sprays. Blooms September 15th.

One Plant each Seven Leaders described above **\$2.00**

5 Summer Mums

CLARA CURTIS. Masses of rose-pink 3-inch single flowers—begins blooming in early August and continues until frost.

PYGMY GOLD. Small double pompon flowers of clear golden yellow completely cover the bush from August to frost.

DEAN KAY. This new summer Mum forms a bush 4 ft. in diameter, completely covered with semi-double bright pink flowers. Extremely hardy and prolific.

LITTLE BOB. Hundreds of bronze-red blooms completely cover the bush, hiding all foliage. Loveliest of the Cushion Mums.

GOLDEN CUSHION. Orange-yellow with bronze-red buds. Another Cushion Mum that is striking and effective.

One Plant Each Above 5 Summer Mums. **\$1.35** ppd.



Lavender Lady—A clear silvery lavender.

For **BLAZE-O-MUMS**—
See Color Page 42

Hardy Phlox

See Color Illustration Page 42.

CHIEFTAIN. Brilliant fiery red.
COLONIAL. Extra-fine blue-lavender.
MRS. HARDING. Large salmon-pink.
MRS. JENKINS. Late-blooming pure white.
RHEINLANDER. Bright salmon-pink.
ROKOKO. A lovely clear pink.
WM. KESSELRING. Rosy purple.

Price, any of the above, 3 for 65c, prepaid.

Creeping Phlox

APPLE BLOSSOM. An early bright pink.
ATROPURPUREA. Deep wine-red.
BLUE HILL. Showy blue flowers.
BRIGHTNESS. Rosy lavender-pink.
LILA-KONIGEN. Deep lilac flowers.
MAESCHNEE. Pure white flowers.
MOERHEIMI. Fine carmine-pink.

Price of Creeping Phlox, 3 for 75c, prepaid.

10 Perennials De Luxe

Shasta Daisy Supreme	
Yellow Foxglove	
One Scabiosa Hybrid	\$1.75
Red Painted Daisy	ppd.
of Euphorbia Golden Spray	Two
Coral Bell, Rosea	Collections
Each Viola Odorata	for \$3.25
Dictamnus, White	ppd.
Gallardia, Sun God	
Achillea, Snowball	

From Our Greenhouse Department

Window Box & Bedding Plants

AGERATUM. Dense heads of fluffy lavender-blue flowers.

ASTERS. Your selection any of the following; grown from Wilt Resistant seed:

September Beauty, flesh pink.
Heart of France, rich glowing red.
Royal Purple, the best purple.
Giant Branching, mixed colors.

BEDDING PETUNIAS. Your choice of the following:

Glow, rose-red.
Radiance, brilliant rose.
Flaming Velvet, crimson.
Violaeca, rich violet-blue.

CALENDULAS. Large orange flowers with an iridescent sheen.

MARIGOLD YELLOW SUPREME. Rich creamy yellow.

SALVIA OR SCARLET SAGE. Spikes of showy crimson flowers.

SNAPDRAGONS. California Giant Mixed, rust-resistant.

VERBENAS. Giant Flowering, finest mixed colors.

VINCA ROSEA (PERIWINKLE). Star-like flowers of rose pink on 1-foot stems.

ZINNIAS. Your choice any of the following:

Giant Dahlia Flowered Will Rogers, scarlet.
Giant Dahlia Flowered Oriole, orange and gold.
Giant Dahlia Flowered Illumination, rose.
Giant Dahlia Flowered Finest Mixed Colors.
Pompon or Lilliput Mixed Colors.

Price any of above: Doz. 40c, 24 for 75c,
50 for \$1.25, prepaid

Note—Minimum Order 60c. We cannot accept orders for less than six of one variety.

SURPRISE COLLECTION

100 Bedding Plants **\$1.95** ppd.
Our Selection—Labeled.



Lady Washington Geranium.

LADY WASHINGTON GERANIUMS (PELARGONIUM). Beautiful large Azalea-like flowers in shades of deep pink and red, with dark blotches. 40c each, 3 for \$1.00, prepaid.

COLEUS. Handsome foliage in brilliant varied colors. 3 for 55c, prepaid.

LANTANA. Clusters of verberna-like flowers in orange and pink. 3 for 75c prepaid.

MARGUERITE DAISY. White with yellow center. 3 for 60c, prepaid.

GIANT ALL-DOUBLE PETUNIAS:

World Beauty, rose-pink.
Amaranth Red, deep red.
Blue Brocade, blue.

Price, 40c each, 3 for \$1.00, prepaid.
PANSIES. Swiss Giants in Mixed Colors. Doz. 75c, prepaid.

GERANIUMS. Your choice of red, pink or white. 3 for 75c, prepaid.

BALCONY OR TRAILING PETUNIAS. Your choice of following:

Deep Blue, violet-blue.
Damask Rose, brilliant rose.
Black Prince, deep red.

3 for 40c, prepaid.

VINCA VINE. Most popular trailing vine for urns and window boxes. Leaves glossy green, broadly margined white. 3 for 55c, prepaid.

All
Flower
Seeds
are sent
Postpaid
in
U. S. A.
Please
Order
by
Name
and
by
Number

Tall →
Fox-
gloves
with a
border
of
Canter-
bury
Bells



ACHILLEA (Perennial)

- 1020 **THE PEARL.** 2 ft. Produces large clusters of double pure white flowers from spring until frost. Splendid for cutting. Easily grown from seed.Pkt. 10c

ACROCLINIUM, Double Mixed (Annual)

- 1024 **EVERLASTING.** 20 in. Graceful daisy-like flowers which if cut just before they open, can be dried for winter bouquets.Pkt. 10c

ADONIS, Red Chamomile (Annual)

- 1025 **AUTUMNALIS.** 2 ft. Dark green finely cut foliage and rich crimson scarlet flowers with dark centers. Given a half shaded position and somewhat sandy soil, they will bloom freely all summer.Pkt. 10c

Ageratum

Floss Flower (Annual)

- 1026 **MIDGET BLUE.** 4 in. All-America Silver Medal Award for 1940. Very low and compact, the plants are covered with rich, azure-blue flowers. Pkt. 20c
- 1027 **BLUE CAP.** 6 in. Plants form miniature domes of deep lavender-blue. 1/4 oz. 50c, pkt. 15c



ALYSSUM "SNOWCAP" commences to bloom when only one inch high and continues until frost.

FLOWER SEEDS

*The
World's
Finest*

1942

All-America Winners

- Morning Glory, Pearly Gates....Page 54
Cosmos, Yellow Klondyke.....Page 51
Marigold, Dwarf French
ButterballPage 53
Marigold, Dwarf Chrysanthemum
Flowered Golden BedderPage 53
Phlox, Gigantea Red Glory.....Page 55
Zinnia, Dahlia Flowered Royal
PurplePage 59

See Colored Illustrations on
Inside Front Cover.

NOVELTIES OF MERIT

- Adonis, Red Chamomile.....Page 48
Agrostis, Cloud Grass.....Page 48
Centaurea, Yellow Sweet Sultan.....Page 50
Cosmos, Double Sensation.....Page 51
Larkspur, White Spire.....Page 53
Morning Glory, Early Mammoth
WhitePage 54
Phlox, Gigantea Rosy Morn.....Page 55
Tahoka Daisy.....Page 58

Snapdragons

ANTIRRHINUM (Annual)

Rust-Resistant Super Majestic Strain

Developed by scientists of the University of California, this strain is resistant to rust. The seeds germinate better, the plants are more vigorous, the foliage clean, the flowers large and the colors exceptionally clear and beautiful. Height 2 1/2 ft.

- 1046 **ROSE SENSATION.** Rose-pink.
1047 **ORANGE SHADES.**
1048 **ROYAL CRIMSON.** Garnet-red.
1052 **CALIFORNIA GIANT MIXTURE.**

Each of the above. Pkt. 25c.

Any 3 pkts. for 65c.

- 1054 **GIANT MIXED SNAPDRAGONS.**
Height 30 in. 1/4 oz. 50c, pkt. 10c
1060 **HALF DWARF SNAPDRAGONS.**
Height 18 in. 1/4 oz. 50c, pkt. 10c

Sweet Alyssum

Most Popular of All Edgings

- 1031 **VIOLET QUEEN.** 4 in. A bright, deep violet that does not fade in hot weather. Blooms luxuriantly from early summer to frost.Pkt. 20c
- 1032 **SNOWCAP.** The dwarfest and most compact variety. Plants form a dense cluster of snow-white flowers, with the objectionable green center entirely eliminated.Pkt. 15c
- 1033 **LILAC QUEEN.** 6 in. Delicate lavender flowers. A pleasing contrast with the white variety. 1/2 oz. 40c, pkt. 10c

ALYSSUM, Madwort (Perennial)

- 1034 **SAXATILE COMPACTUM.** "Basket of Gold." 9 in. A mass of golden yellow blooms in early spring when other flowers are scarce. Very effective as a border for tulips. The foliage is silver-gray. 1/4 oz. 40c, pkt. 10c

AGROSTIS, Cloud Grass (Annual)

- 1029 **NEBULOSA.** 1 1/2 ft. An airy and graceful grass that looks like a line of mist when in bloom. Beautiful with cut flowers.Pkt. 10c

ANCHUSA "Blue Bird" (Annual)

- 1040 Height 18-24 in. Bears large umbels of vivid, indigo-blue. Forget-Me-Not-like flowers in a luxuriant bouquet on tall stems from July to October. Effective in the garden or for cutting.Pkt. 10c

AQUILEGIA or Columbine (Perennial)

- 1073 **DOBBIE'S IMPERIAL HYBRIDS.** Height 2 ft. Splendid plants for partially shaded positions in the border or rockery. Foliage is graceful and fern-like; the dainty, long-spurred flowers are produced in strong brilliant shades of blue, lavender, pink and yellow.Pkt. 15c



Grow our Giant Strain of Rust-Resistant Snapdragons.

Alyssum Violet Queen Combined with Alyssum Snowcap makes the most beautiful edging we have ever seen. In bloom from early summer to frost.

Wilt Resistant Asters

A special strain bred to resist Fusarium Wilt and much more vigorous and productive than the ordinary strains. The different types which we offer, vary in form and blooming season. By starting seed of various types, you are assured a brilliant garden display and flowers for cutting from mid-summer to frost.

Early Beauty

(Early Midseason Wilt Resistant)

This beautiful strain is rapidly superseding American Branching for general use. Plants are of the non-lateral branching type, grow 2-3 ft. tall, and produce enormous flowers on long, strong stems. Bloom from August to frost. Superb for cutting.

1100 Crimson.

1101 September Beauty, flesh pink.

1102 Azure Fairy, clear lavender-blue.

Each of the above, 1/8 oz. 40c, pkt. 15c

One pkt. of each for 40c

Early Dawn

(Earliest of All)

A new class that is very early, beginning to flower in mid-July. Large, well-formed blooms about 4 inches across, borne on strong stems. Plants grow 16 to 18 inches tall. An excellent cutting variety.

1110 Finest Mixed... 1/8 oz. 35c; pkt. 15c

Early Royal

(Early Midseason Wilt Resistant)

These come into bloom in mid-August. The flowers are large and very double, with broad incurved petals; stems are long and upright, branching from the base of the plants. Height of plants, 2 feet.

1125 Royal Rose. 1128 Royal Purple.

1127 Royal Lavender. 1130 Royal Mixed.

Each of the above

1/8 oz. 30c, pkt. 10c

Giant Mammoth Peony Flowered

(Midseason)

A super strain with immense double flowers of perfect form, borne on long stout stems characteristic of the true peony flowered type. Wonderful for cut flowers and a splendid keeper and shipper. Plants grow 2 1/2-3 ft. tall, and bloom from until frost.

1140 Finest Mixed... 1/8 oz. 40c; pkt. 15c

Super Giant Asters

(Midseason)

Magnificent large flowers, 6-8 inches across, full petaled and very deep with gracefully interlacing petals. Plants 2 1/2 ft. tall, with from six to eight long stems per plant.

1148 LOS ANGELES. An enchanting shade of pure shell-pink. Pkt. 15c

1149 EL MONTE. Deep glowing crimson, with the sparkle of live rubies. Pkt. 15c

For Aster Plants, see Page 47.

For Hardy Asters, see Page 46 and Color Page 42.



This is Aster Princess Bonnie, a beautiful shade of salmon rose.

Special Aster Offers

Long Season Collection

1 Pkt. Early Dawn } 30c
1 Pkt. Early Royal Mixed }
1 Pkt. Giant Single Southcote Beauty }

Novelty Collection

1 Pkt. Super-Giant Los Angeles } 40c
1 Pkt. Giant California Sunshine }
1 Pkt. Giant Mammoth Peony Flowered }

Princess Collection

1 Pkt. Princess Anne } 50c
1 Pkt. Princess Bonnie }
1 Pkt. Princess Marsha }

New Princess Type

(Early Midseason, Wilt Resistant)

This beautiful new type has large blooms with full crested centers surrounded by several rows of strong guard petals. The plants are free blooming and grow about 2 ft. high.

1151 PRINCESS ANNE. Flowers open a delicate pink, turning to rosy pink as they mature.

1152 PRINCESS BONNIE. A beautiful soft shade of salmon rose.

1153 PRINCESS MARSHA. Cinnabar scarlet with a rich gold center, which changes to silver as the flower opens and matures. An exciting new color.

Each of the above, pkt. 20c.

Giant Single Southcote Beauty

(Early Midseason)

Unrivaled by any other aster for cutting and house decoration. The flowers have long, perfectly formed petals and comparatively small, golden-yellow centers. Plants are of branching habit, 2-2 1/2 ft. tall; blooms are borne on long stiff stems.

1155 Dark Blue. 1157 Lavender.
1156 Bright Rose. 1158 Scarlet.

Each of the above, pkt. 10c

One pkt. of each for 30c

Giant California Sunshine

(Midseason)

The most beautiful and artistic of all Asters. The flowers have cushion centers of light yellow tubular petals, surrounded by broad guard petals of pink, rose, blue or lavender, producing a wonderful color contrast and presenting an airy, lace-like effect. Individual blooms are 5-6 inches in diameter, on long, stiff stems. Plants 2 1/2-3 ft. high.

1169 Finest Mixed... 1/8 oz. 40c; pkt. 20c

Heart of France

(Early Midseason, Wilt Resistant)

Conceded to be the finest red aster. Its remarkable color of rich glowing red deepens with age. The flowers are of good size, very full and double, and are borne on long stiff stems. Plants are of strong branching habit. 1 1/2-2 ft. tall.

1175..... Pkt. 15c



Aster Super Giant, Los Angeles
Super Giants are the largest and most fully double Asters.

Flowers In Our

National Colors FOR YOUR 1942 GARDEN

Your Choice of any
Collection Below 35c

LARKSPURS

One Pkt. The Dazzler (Red)
Each White Spire
Blue Bell

MORNING GLORIES

One Pkt. Scarlett O'Hara
Each Early Mammoth
White
Heavenly Blue

SWEET PEAS

One Pkt. Red Cross
Each Cascade (White)
Mariner (Blue)

See Front Inside Cover
for Color Illustration.



Calendulas

Scotch or Pot Marigold (Annual)

- 1214 **CHRYSANTHA** or **SUNSHINE**. Bright buttercup yellow; long curling outer petals; incurved center petals. ¼ oz. 40c; pkt. 10c
- 1215 **APRICOT QUEEN**. Bright apricot, deepening slightly toward the center. ¼ oz. 40c; pkt. 10c
- 1216 **MASTERPIECE**. Rich deep orange with a darker center. ¼ oz. 40c; pkt. 10c
- 1217 **CAMPFIRE** (Sensation). Extra large orange flowers with an iridescent scarlet sheen. ¼ oz. 50c; pkt. 10c
- 1218 **ORANGE BEAUTY**. Extra large blooms of perfect form, double to the very center. Pure glowing orange. ¼ oz. 40c; pkt. 10c
- 1219 **DOUBLE ART SHADES**. Pastel hues of apricot, cream, orange and tangerine. ¼ oz. 50c; pkt. 15c

These brilliant flowers bloom from early summer to frost, and thrive even in poor soil. The plants are bushy and grow about 2 feet high.

BABY'S BREATH, see Gypsophila, page 52.

BACHELOR'S BUTTON, see Centaurea.

BALLOON VINE (Annual Climber)

- 1200 Height 10-15 ft. Graceful climber with pale green foliage and small white flowers followed by ornamental seed pods resembling balloons. ½ oz. 20c, pkt. 10c

BALSAM (Annual)

- 1205 **DOUBLE MIXED**. Height 18-24 in. Sturdy bushy plants with large double flowers clustered in the axils of the leaves. Colors: red, rose, pink and white. Prefer rich soil and sunny position. Pkt. 10c

BELLIS, English Daisy (Perennial)

- 1208 Height 6-8 in. Compact plants, with leaves forming a rosette; the daisy-like flowers of rose and white are borne on stiff stems. Bloom all summer. Pkt. 10c

BRACHYCOME, Swan River Daisy (Annual)

- 1213 Height 8 in. Compact plants with deeply cut foliage and dainty flowers. Suitable for edging and pot culture. Blooms all summer. Mixed colors. Pkt. 10c

California Poppies

Eschscholtzia (Annual)

- 1220 **RAMONA HYBRIDS FINEST MIXED**. Flowers beautifully frilled and incurved. Pkt. 15c
- 1221 **DOUBLE CHOICE MIXED**. Large double flowers in brilliant shades. ½ oz. 30c; pkt. 10c
- 1222 **CALLIOPSIS, Golden Wave (Annual)** Height 2-3 ft. Plants are much branched and produce an abundance of showy flowers in various shades of crimson, orange and gold, all summer. ¼ oz. 30c; pkt. 10c

CANARY BIRD VINE (Annual Climber)

- 1235 Height 15-20 ft. Dainty cut foliage and curious bird-like blossoms of a clear canary yellow. Fine for covering stumps, trellises or fences. ½ oz. 25c; pkt. 10c

CARDINAL CLIMBER (Annual)

- 1245 Height 20 ft. A strong rapid-growing climber with fine fern-like foliage and clusters of bright red flowers from mid-summer to frost. Very showy and attractive. Pkt. 10c



Little Alan Moas shows us the big Canterbury Bells grown by his mother, Mrs. Wm. Moas, of Watertown, Minn.

Canterbury Bells

Campanula

- Plants form perfect pyramids about 2 feet high and produce beautiful bell-shaped flowers on long upright stems. Bloom in early summer.
- 1224 **ANNUAL CANTEBURY BELLS**. Blooms from seed in less than six months. Seed started indoors in March will bloom in August. Plants bear six to eight flower spikes. Mixture includes pink, deep rose, violet and dark blue. Pkt. 10c

Biennial Canterbury Bells

- 1225 **SINGLE CANTEBURY BELLS**. Mixed colors, rose, blue and white. Pkt. 10c
- 1226 **DOUBLE CANTEBURY BELLS**. Mixed colors, pink, blue and white. Pkt. 10c
- 1232 **CUP AND SAUCER CANTEBURY BELLS**. Its very large calyx is the same color as the corolla, giving the flower the appearance of a cup and saucer. Mixed colors. Pkt. 10c

Candytuft

(Annual)

Dwarf plants admirably adapted to beds, edgings, pots and borders. Will thrive anywhere, and blooms profusely throughout the summer.

- 1240 **GIANT HYACINTH-FLOWERED**. 1 ft. Enormous spikes of snow-white flowers. ¼ oz. 25c; pkt. 10c
- 1242 **FINEST MIXED**. ¼ oz. 25c; pkt. 10c

CANDYTUFT, IBERIS (Perennial)

- 1243 **SEMPERVIRENS**. 1 ft. Dwarf evergreen plants covered with white flowers in spring and early summer. Fine for borders and the rock garden. ½ oz. 60c; pkt. 15c

Carnation

Giant Flowering (Annual)

Few flowers surpass in fragrance the spicily-scented Carnation. Given an early start indoors or in a hothed, Double Carnations like those grown by florists, can be grown in the outdoor garden. Plants lifted in fall, cut back and potted, will bloom again indoors.

- 1251 **GIANT ENFANT DE NICE**. Flowers are 2-3 inches in diameter on long, strong stems. Finest mixed colors. Pkt. 20c
- 1252 **GIANT DOUBLE MARGUERITE**. Blooms abundantly within five months from planting. Finest mixture. Pkt. 15c

CASTOR BEAN, see Ricinus, page 56.

Centaurea

Bachelor's Button—Cornflower
Cyanus (Annual)

- 1268 **JUBILEE GEM**. 1 ft. This new dwarf variety forms a compact plant, literally covered with vivid deep blue flowers. Pkt. 15c
- 1269 **DOUBLE MIXED**. ½ oz. 40c; pkt. 10c

Giant Sweet Sultans, 2½ ft.

Beautiful, fluffy, double flowers on long smooth stems. Delightfully fragrant and extra-fine for cutting.

- 1275 **DEEP LAVENDER**.
1276 (SAUVEOLES) **YELLOW**.
1278 **IMPERIALIS FINEST MIXED**.
Each of above, ¼ oz. 25c; pkt. 10c

- 1280 **DUSTY MILLER**. 1 ft. Finely cut silver-gray foliage. Pkt. 10c.



CENTAUREA JUBILEE GEM has vivid dark blue flowers.

Cockscomb

Celosia (Annual)

- 1255 **CRISTATA**. Height 12-18 in. Large ornamental flower-heads frilled and corrugated like a cock's comb. Mixed colors.Pkt. 8c
- 1256 **CHILDSI**. (Chinese Wool Flower). Height 3 ft. Large globular flower-heads, resembling balls of wool chenille, of a rich bright red color. Bloom from early summer to frost.Pkt. 10c
- 1257 **SPICATA**. Height 3 ft. The flowers are slender, pointed spikes of soft bright rose, gradually changing to silver-white. Pkt. 15c
- 1258 **PLUMOSA**. Height 3½ ft. Forms pyramidal branching plants with large feathery flower-heads, ranging from orange to deep crimson. Mixed colors.Pkt. 8c
- 1259 **PYRAMIDALIS** (Flame of Fire). Height 1½ ft. Candelabra-shaped plants, each branch terminating in a flower-head of fiery scarlet.Pkt. 15c

CHINESE LANTERN, see *Physalis*, page 55.

Chrysanthemum

- 1285 **ANNUAL CHRYSANTHEMUMS**. Height 20 in. Daisy-like flowers in attractive color combinations of yellow, brown, red, rose and white. Useful for mass color effects and excellent for cutting. Bloom all summer.¼ oz. 25c; pkt. 10c
- 1290 **SHASTA DAISY** (Perennial). Height 2 ft. June-August. Bears large white flowers on long stems; invaluable for cutting. Very free flowering.Pkt. 10c

CLARKIA (Annual)

- 1300 **ELEGANS DOUBLE MIXED**. Height 2 ft. Plants send up a mass of slender, upright branches, with each branch covered for almost its entire length with charming rosette-like flowers, resembling the sprays of Flowering Almond.¼ oz. 50c; pkt. 10c

COBRAE SCANDENS, Cathedral Bells (Annual Climber)

- 1303 Height 15-20 ft. A rapid-growing, handsome climber with beautiful bell-shaped flowers 1½ inches across and 2 inches long. Flowers open a clear green, gradually changing to deep violet blue. Fine for covering arbors, walls, etc. Pkt. 10c

COLEUS (Tender Perennial)

- 1305 Height 12-18 in. Handsome foliage plants valuable for bedding borders and window boxes. The leaves are large, of various shapes, marked and bordered in brilliant color combinations. Finest mixed.Pkt. 10c

COLUMBINE, see *Aquilegia*, page 48.

CORALBELLS, see Perennial Plants, page 46.

CORNFLOWER, see *Centaurea*, page 50.

CHINESE FORGET-ME-NOT *Cynoglossum* (Annual)

- 1318 **DWARF FIRMAMENT**. 16 in. An improved bush form, with bright indigo-blue flowers all summer long. The plants are easy to grow and thrive even in dry, poor soil.Pkt. 15c

CYPRESS VINE (Annual Climber)

- 1319 Height 10-15 ft. A good vine for training on a light ornamental trellis. Bears a profusion of star-shaped scarlet and white blossoms from midsummer to frost. Fine fern-like foliage. ¼ oz. 20c; pkt. 10c

New Giant Cosmos

- 1310 **EARLY FLOWERING MAMMOTH MIXED**. 4-6 ft. Contains soft shades of crimson, rose, pink and lavender. Pkt.10c

- 1312 **ORANGE FLARE**. 3-4 ft. Blooms in about three months from seed, and continues until killing frost. Flowers are a beautiful showy golden orange. The plants are sturdy and well-branched, with deep green foliage. Pkt. 10c

- 1313 **YELLOW KLONDYKE**. 3-4 ft. All-America Silver Medal Winner for 1942. Like Orange Flare, except in color, which is a rich golden yellow.Pkt. 25c

- 1314 **SENSATION**, Giant Early Strain. 4 ft. Blooms in about twelve weeks from sowing. The flowers are 4-5 inches across, with heavy fluted petals. Colors are rose-pink, Cardinal red, and white with a satiny sheen.Pkt. 15c

- 1315 **DOUBLE SENSATION**, Early Strain. 4 ft. As large as the popular Sensation Cosmos, but with a 2-inch crested center, making it appear even more mammoth. Colors are white, pink and crimson.Pkt. 20c



Blossoms of *Cosmos Sensation* measure five inches across the center.

See Color Illustration Inside Front Cover

New Double Coreopsis

(Perennial)

Height 2 ft. Large orange-yellow flowers on long graceful stems. Bloom profusely during the summer and fall, affording a constant supply of cut flowers.

- 1308 **MAYFIELD GIANT**. Tall vigorous plants with long stiff stems and very large flowers of rich golden yellow.Pkt. 15c

- 1309 **DOUBLE SUNBURST**. This new form is very popular, the extra petalage adding a further charm to the immense golden yellow flowers.Pkt. 20c

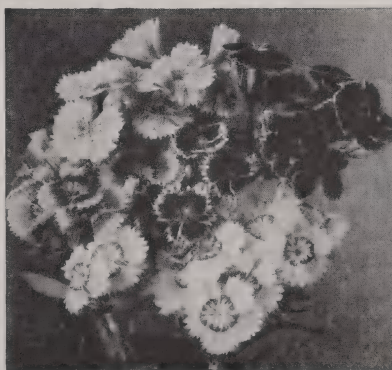
DATURA, Angel's Trumpet (Annual)

- 1325 **CORNUCOPIA**. 2-3 ft. Handsome sub-tropical plants with immense trumpet-shaped, fragrant flowers of creamy white with violet markings. Blooms from early summer to fall.Pkt. 10c

DIDISCUS, Blue Lace Flower (Annual)

- 1354 Height 2-3 ft. Clusters of lovely umbel-shaped flowers, 2 to 3 inches across are produced from July to frost. Color, an exquisite shade of clear lavender-blue. Fine for cutting.¼ oz. 25c; pkt. 10c

DIGITALIS, see Foxglove, page 52.



Dianthus Sweet Wivelsfield.

Stately Delphiniums

HARDY LARKSPUR (Perennial)

Color Illustration, See Page 42

- 1333 **BELLAMOSUM**. Deep blue,Pkt. 15c

- 1334 **CLIVEDEN BEAUTY**. (Improved Belladonna.) Turquoise blue.Pkt. 15c

- 1335 **GOLD MEDAL HYBRIDS**. Color from pale lavender to deep blue, with many double.Pkt. 20c

- 1336 **WREXHAM HOLLYHOCK STRAIN**. Giant flowered strain with double blooms 1½ to 2 inches across, many of them bicolor.Pkt. 35c

- 1337 **PACIFIC GIANTS**. Developed on the Pacific Coast. Florets 2 inches across, on 5 ft. stems, slender and wiry. Mildew resistant. Blue shades.Pkt. 50c

- 1338 **BLUE BUTTERFLY** (Annual). (Chinese Delphinium.) 18 in. Intense gentian-blue florets; finely cut foliage. Pkt. 15c

DELPHINIUM PLANTS, see page 46.

Dianthus or Pinks

China Pinks (Annual)

Easily raised from seed, they bloom from early summer until frost.

- 1340 **SWEET WIVELSFIELD**. A splendid border and cut flower. The blooms are larger than Sweet William, with beautiful brilliant colorings and markings.Pkt. 15c

- 1341 **HEDDEWIGI LACINIATUS**, DOUBLE MIXED. 1 ft. Brilliant colors, many striped and mottled. ¼ oz. 25c; pkt. 10c

- 1348 **HEDDEWIGI LACINIATUS**, SINGLE MIXED. 1 ft. Very large fringed flowers ranging from white to deep crimson. Mixed colors.¼ oz. 25c; pkt. 10c

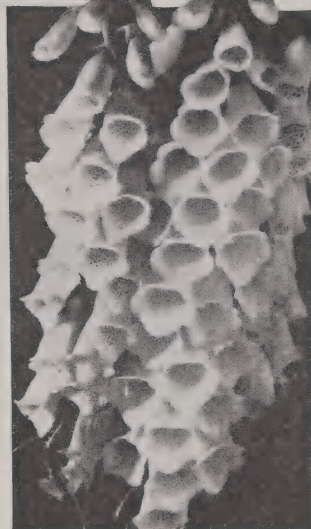
DIANTHUS Clove or Grass Pinks (Perennial)

- 1351 **PLUMARIUS**, SINGLE AND DOUBLE MIXED. 1 ft. Cherished for their spicy fragrance and rich coloring. Fine for rock gardens and edgings.¼ oz. 25c; pkt. 10c

DIANTHUS BARBATUS, see Sweet William.

Annual Chrysanthemums are easy to grow, bloom all summer, and are excellent for cutting. Page 51

Giant
Shirley
Fox-
gloves.



Gaillardias Bloom all Summer

Blanket Flower (Annual)

Brilliant and effective either for garden decoration or cutting. Gaillardias delight in a warm sunny location and light, open, well-drained soil. Sow the seed where they are to bloom.

- 1379 **INDIAN CHIEF**. 1 ft. Flowers are a glittering, metallic, bronze-red color with dark brown center. ¼ oz. 25c; pkt. 10c
- 1380 **LORENZIANA DOUBLE FINEST MIXED**. 18 in. Colors range from light lemon-yellow to deep orange or scarlet with striking bands and flecks of crimson. ¼ oz. 25c; pkt. 10c

Gaillardia Grandiflora (Perennial)

One of the few perennials that flowers continuously from June to October. They thrive in any position or soil and are perfectly hardy. Invaluable for cutting.

- 1381 **THE DAZZLER**. 2 ft. Large golden-yellow flowers with rich maroon centers. Pkt. 15c
- 1382 **BURGUNDY**. 2 ft. Shining wine-red flowers. 2½ inches in diameter on long, stiff stems. Pkt. 20c



Gaillardias
combined
with
Baby's
Breath

For
Gaillardia
Plants
See Page 47

← Foxglove or Digitalis

- 1355 **SHIRLEY HYBRIDS**. Height 6 ft. The flower-heads are over 3 feet long, closely set with big bell-shaped blossoms of white, rose and crimson with beautiful throat markings. Mixed colors. Pkt. 15c

DOLICHOS, Hyacinth Bean (Annual Climber)

- 1357 Height 10 feet. Large dark green leaves and erect racemes of purple and white flowers, followed by ornamental seed pods of a shining bronze-purple. Grows rapidly. Oz. 25c; pkt. 10c

ENGLISH DAISY, see Bellis, page 44.

FEVERFEW, see Matricaria, page 53.

FORGET-ME-NOT, see Myosotis, page 54.

FOUR O'CLOCKS, Marvel of Peru (Annual)

- 1370 Height 2-3 ft. Erect, bushy plants with dense glossy foliage and hundreds of long-tubed, funnel-shaped flowers of white, yellow, crimson or striped. They remain closed until 4 o'clock in the afternoon when the plants become a glowing mass of color. Oz. 15c; pkt. 10c



BRIGHTLY COLORED GOURDS arranged in a bowl or basket make an unusual centerpiece for the table.

GERANIUM (Tender Perennial)

- 1384 **ZONALE**. Of easy culture, producing blooming plants the first summer from spring-sown seed. Valuable for bedding, borders, window boxes and house culture. Mixed colors. Pkt. 15c

GODETIA or Satin Flower (Annual)

- 1388 **UPRIGHT SINGLE FINEST MIXED**. 15 in. Godetia seeds sprout during the cool, wet months of early spring and bloom profusely in late spring. They cannot tolerate strong summer sun. The flowers are large and trumpet-shaped and come in shades of pink, white and crimson. Pkt. 10c

GOMPHRENA, Globe Amaranth (Annual)

- 1390 Height 18-24 in. Bushy plants with clover-like blossoms of purple-red, yellow, rose and white. Very attractive in winter bouquets. They should be cut before they are fully open. Pkt. 10c

GOURDS, ORNAMENTAL (Annual Climber)

- 1393 **SMALL VARIETIES MIXED**. 15-20 ft. Useful for covering arbors, fences, etc. The flowers are often beautiful and the fruits are oddly shaped and quantity marked and colored. They make unique table decorations and interesting toys for children. ½ oz. 25c; pkt. 10c

Baby's Breath

Gypsophila (Perennial)

- 1410 **PACIFICA**. New rose-pink form, coming into bloom after the paniculata variety has passed. Pkt. 25c
- 1415 **PANICULATA**. 2-3 ft. Plants are branchy and spreading with stiff, wiry stems and minute white flowers, producing a graceful misty effect. Used extensively with cut flowers and for winter bouquets. Pkt. 10c

ANNUAL GYPSOPHILA

Graceful branching plants with clusters of delicate flowers about one-half inch across. Beautiful in bouquets with other flowers.

- 1416 **ELEGANS GRANDIFLORA ALBA**. 1½ ft. Large-flowering pure white. Oz. 30c; pkt. 10c
- 1417 **ELEGANS GRANDIFLORA ROSEA**. 1½ ft. Beautiful soft pink. ¼ oz. 25c; pkt. 10c

HELIANTHUS, see Sunflower, page 57.

HELICHRYSUM, Everlasting or Strawflower (Annual)

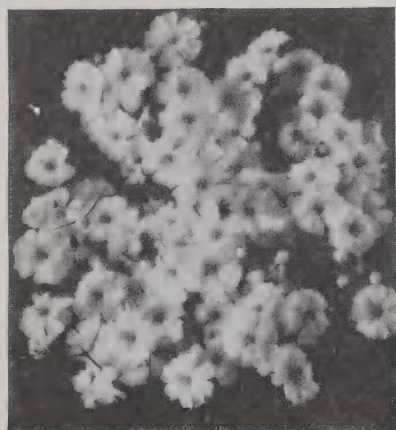
- 1425 Height 2-3 ft. Large double flowers, 1-1½ in. across, are produced all summer. Colors range from yellow, orange, red and rose to white. Splendid for winter bouquets. ¼ oz. 25c; pkt. 10c

HELIOPSIS, Orange Sunflower (Perennial)

- 1428 **PITCHERIANA**. 3-4 ft. Large golden-yellow flowers, 2 in. across, are produced on long stiff stems. Brilliant in the garden and fine for cutting. Blooms all summer. Pkt. 10c

New Hollyhocks

- 1436 **DOUBLE TRIUMPH**. 5 ft. Beautifully fringed rosette flowers in many new pastel shades and bi-color combinations. ¼ oz. 60c; pkt. 15c
- 1437 **CHATER'S DOUBLE MIXED**. 5 ft. Extremely double flowers resembling small peonies with closely packed petals. Color range includes crimson, rose-pink, yellow, salmon and scarlet. ¼ oz. 60c; pkt. 15c
- 1440 **ANNUAL INDIAN SPRING**. Blooms in 5 months from seed. Like double and semi-double fringed flowers in shades of pink on 4-5 ft. plants. Pkt. 15c



Annual Baby's Breath will add a charm to any bouquet of garden flowers.

The blossoms of Hunnemannia or Tulip Poppy are like California Poppies but more crinkled. They bloom throughout the summer and until late fall.



Hardy Larkspur, see page 42.

Giant Imperial Larkspur.

Gay Larkspur

Giant Imperial (Annual)

A new strain, especially valuable for cutting. The spikes are heavily covered with fully double flowers; individual flowers are large and closely placed on the stems. Height 3-4 feet.

- 1470 **BLUE BELL.** Azure blue. A fine medium blue.
- 1471 **BLUE SPIRE.** Deep violet-blue.
- 1472 **DAZZLER.** Rich, lustrous scarlet.
- 1473 **MISS CALIFORNIA.** Salmon-rose.
- 1474 **WHITE SPIRE.** Dazzling pure white.
- 1475 **GIANT IMPERIAL MIXED.**

Each of the above, 1/4 oz. 40c; pkt. 15c.
Any 3 pkts. for 35c.

LUNARIA or Honesty (Biennial)

- 1490 Height 2 ft. Has purple flowers followed by shiny silvery seed pods. It is called "Honesty" because the seeds can be seen through the pods. Also known as St. Peter's Penny. Very attractive in winter bouquets combined with Physalis and other Everlastings. Pkt. 10c

LUPINS, Hartwegii (Annual)

- 1493 Height 2 ft. Tall graceful spikes of pea-shaped flowers in delicate shades of blue, lavender, pink and white. If cut as they mature the plants continue to bloom. 1/2 oz. 25c; pkt. 10c



MARIGOLD ROYAL SCOT

Has velvety brown flowers striped golden-yellow

Marigolds in New Colors

French Marigolds

- 1503 **SPRY.** 9 in. Flowers have a bright orange crested center with maroon outer petals. Plants are uniform, compact, early and profuse flowering. Pkt. 20c
- 1504 **DWARF ROYAL SCOT ALL DOUBLE.** 1 ft. This new strain is of dwarf bushy growth, with rich mahogany and gold flowers uniformly striped. Pkt. 20c
- 1505 **DWARF DOUBLE BUTTERBALL.** All-America Bronze Medal Winner for 1942. A bright new edging variety as well as a good pot plant. The foliage is dense and richly colored and completely covered with canary-yellow blooms 1 1/4 inches in diameter. Pkt. 25c
- 1506 **SCARLET GLOW.** 1 ft. 1941 All-America Selection. Bright, bronze-red flowers on compact, bushy plants. Though a few flowers show russet and gold, "Scarlet Glow" is considered the brightest red double French sort. Pkt. 20c

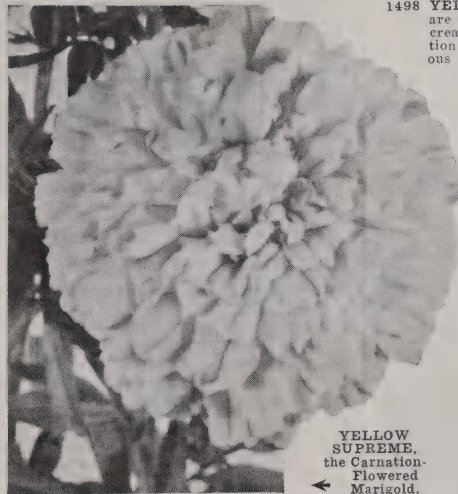
Marigold Novelty Strains

- 1495 **DWARF CHRYSANTHEMUM-FLOWER-ED GOLDEN BEDDER.** A 1942 Bronze Medal Winner. Earliest of all Marigolds to bloom. The flowers are golden orange with a row of outer guard petals surmounted by a fully double crest. The plants form symmetrical mounds and send up long stems, excellent for cutting. Pkt. 25c
- 1496 **EARLY SUNSHINE.** 2 1/4 ft. A tall, stately, Chrysanthemum-flowered type. The brilliant golden yellow flowers are made up of tiny five-petaled florets, gracefully interlocked. Pkt. 15c
- 1497 **MISSION GIANT GOLDSMITH.** 2 ft. 1941 Bronze Medal Winner. Giant chrysanthemum-like blooms of a rich, golden orange, very full and double. Plants are base-branching, early and free-flowering. Pkt. 20c
- 1498 **YELLOW SUPREME.** 2 ft. The flowers are semi-double, loosely ruffled, of a rich, creamy yellow color of the true carnation flowered type. The plants are vigorous and practically free from Marigold odor. 1/4 oz. 50c, pkt. 10c
- 1499 **BURPEE GOLD.** 2 ft. Beautiful carnation-like, fully double flowers, of an even, rich deep orange color, 3 1/2 inches across. The plants are uniform in growth, early flowering and free from the usual marigold odor. Pkt. 15c

See Color Illustrations of New Marigolds on Front Inside Cover.

Double African Marigolds

- 1500 **LEMON QUEEN.** 30 in. Large double-quilled flowers of lemon yellow. 1/4 oz. 30c; pkt. 10c
- 1501 **PRINCE OF ORANGE.** 30 in. Immense double-quilled flowers with ends of petals slightly frilled. Color is a deep golden orange. Pkt. 15c
- 1502 **FINEST MIXED VARIETIES.** All shades from pale yellow to deep orange. Pkt. 10c



YELLOW SUPREME, the Carnation-Flowered Marigold.

HUNNEMANNIA or Tulip Poppy (Annual)

- 1444 **SEMI-DOUBLE SUNLITE.** Height 18 in. July to September. Flowers clear canary-yellow, about 3 in. across. Unlike other double flowers, this novelty develops a band of short petals on the outside of the cup, which adds to its size and charm. Pkt. 15c

ICE PLANT (Annual)

- 1446 **MESEMBRYANTHEMUM CRYSTALLINUM.** Height 6 in. A curious trailing plant, with thick succulent leaves covered with glistening ice-like globules. The flowers are pinkish-white. Very popular for rock gardens and dry sunny borders. 1/4 oz. 30c; pkt. 10c

KOCHIA, Summer Cypress (Annual)

- 1465 Height 2-2 1/2 ft. Plants are erect, much-branched and densely pyramidal, resembling small closely-sheared evergreens. Foliage is feathery soft bright green, turning to red in fall. 1/2 oz. 25c; pkt. 10c

LATHYRUS, Perennial Pea (Perennial Climber)

- 1480 **LATIFOLIUS.** 6-8 ft. A decorative vine for a trellis or fence. The flowers are borne in large clusters all summer, and are splendid for cutting. Mixed colors: rose, white and crimson. Once established, the roots should not be disturbed. 1/2 oz. 40c; pkt. 10c

LEPTOSIPHON (Annual)

- 1484 **FRENCH HYBRIDS.** 8-12 in. A charming annual for borders and beds. When planted in masses they form a sheet of trumpet-shaped flowers, ranging from yellow to rose and ivory. Pkt. 10c

LINARIA, Maroccana (Annual)

- 1486 **FAIRY BOUQUET.** 8 in. Flowers are small and dainty, resembling miniature snapdragons. The colors range through crimson and gold, pink, mauve, blue and rose. Bloom in about 8 weeks from seed. Pkt. 15c

LOBELIA, Crystal Palace (Annual)

- 1489 Height 6 in. Plants form compact little bushes covered with brilliant, deep blue flowers throughout the summer. Desirable for edgings, bedding and pot culture. 1/4 oz. 50c; pkt. 10c

You will get a charming color effect by planting *Petunia Radiance* against a background of *Salvia Blue Bedder*.



Morning Glory Cornell has flowers of intense carmelian-red, bordered white.

Morning Glories

Ipomea (Annual Climber)

Beautiful vines of luxuriant growth, covered with large, variously colored flowers all summer. Splendid for covering trellises, arbors and porches.

- 1520 **PEARLY GATES.** All-America Silver Medal Winner for 1942. A large satiny white flower with cream shading in throat. The luxuriant foliage sets off the flowers to best advantage and gives them a beautiful appearance. Pkt. 25c

See Front Inside Cover for Color Illustration

- 1523 **CORNELL.** Large flowers of an intense carmelian red, with a pure white border. The vines are strong and bloom profusely until killed by frosts. Pkt. 15c
- 1524 **NEW EARLY MAMMOTH WHITE.** An extra-early strain with very large white flowers lightly streaked with blue. Pkt. 15c
- 1525 **SCARLETT O'HARA.** A new color in Morning Glories. Rich wine-red or deep crimson. Very showy. For early flowering, the seed should be started in pots in March. Pkt. 15c
- 1526 **EARLY FLOWERING HEAVENLY-BLUE.** Vines are a mass of lovely sky-blue flowers, 2½-3 inches across, from early summer to frost. Pkt. 15c
- 1527 **JAPANESE MIXED.** Flowers are ruffled and fluted from throat to margin. Colors: red, rose, garnet, blue, purple, etc. ½ oz. 20c; pkt. 10c
- 1528 **BRAZILIAN MORNING GLORY.** Rose purple. ½ oz. 25c; pkt. 10c

MATRICARIA Feverfew (Tender Perennial)

- 1512 **CAPENSIS.** 18-24 in. Plants are bushy in growth, with finely cut leaves and clusters of small, tightly double, white flowers. Excellent for pot plants, bedding and cutting. Pkt. 15c

MATTHIOLA, see Stock, page 57.

MEXICAN FIRE BUSH, see Kochia, page 53.

MIGNONETTE, Reseda (Annual)

- 1516 **MACHET.** 12-15 in. Immense compact spikes of blossoms with a delicate fragrant odor are produced throughout the summer and until late in the fall. Fine for cutting. ¼ oz. 25c; pkt. 10c

Moss Rose, see Portulaca, page 55.

MOURNING BRIDE, see Scabiosa, page 56.

MYOSOTIS or Forget-Me-Not (Perennial)

- 1535 Height 4-9 in. Plants are of compact habit with large clusters of exquisite clear blue flowers. Flourish in moist shady positions. Require winter protection. Pkt. 15c

Fragrant Double Nasturtiums

Double Glean Type

- 1567 **CAPRICE.** Primrose and salmon-cerise blotched. A striking color combination.
- 1568 **INDIAN CHIEF.** Double sweet-scented flowers of vivid scarlet. The foliage is dark green.
- 1569 **MAHOGANY.** Dark mahogany-red flowers. An outstanding color.
- 1570 **GOLDEN GLEAM.** Fragrant golden-yellow flowers on long stems.
- 1571 **SCARLET GLEAM.** Fiery orange-scarlet flowers with ruffled petals.

Each of above, pkt. 10c

One pkt. each of above 5 colors for 40c

- 1572 **DOUBLE GLORIOUS GLEAM HYBRIDS.** Gorgeously colored flowers of salmon, yellow, cream, orange, scarlet maroon and rose shades. Fragrant and profuse flowering. Oz. 20c; pkt. 10c

- 1574 **DWARF SINGLE MIXED.** 1 ft. Giant flowers in a great variety of gay color combinations and the brilliant self-colored sorts. ¼ lb. 40c; oz. 15c; pkt. 8c

- 1575 **TALL GIANT FLOWERING MIXED.** 6 ft. Excellent for hanging baskets, window boxes or for covering fences or walls. ¼ lb. 40c; oz. 15c; pkt. 8c



Double Glean Nasturtiums have short runners and are excellent to grow in porch and window boxes, or to cover sunny slopes.

- 1573 **DWARF DOUBLE GEM MIXTURE.** The ideal plant for border and edging use. Dwarf, compact, totally without runners, the plants produce fragrant, semi-double flowers of good size. The color range includes shades of rose, salmon, yellow and scarlet. Oz. 30c; pkt. 10c

NICOTIANA, Flowering Tobacco (Annual)

- 1540 Height 2-3 ft. Plants are of branching habit and bloom continuously from early summer until frost. The flowers resemble petunias, but have a longer tube. They open toward evening and emit a heavy fragrance. Hybrids mixed. Pkt. 10c

NIGELLA, Love-in-a-Mist (Annual)

- 1545 **MISS JEKYLL.** Height 18 in. Plants are compact and free-flowering with finely cut foliage and large semi-double flowers of a lovely cornflower-blue on long stems. ¼ oz. 15c; pkt. 10c



New Giant Pansies

PANSY PLANTS on Page 47.

IMPROVED STRAINS

The seed may be started indoors in February or in a cold frame in March, in carefully pulverized rich soil. Transplant to open ground in May.

ROGGLI SWISS GIANTS

- 1606 **ALPENGLOW.** Beautiful cardinal and garnet red shades. Pkt. 20c
- 1608 **LAKE OF THUN.** Ultramarine blue with darker blotches. Pkt. 20c
- 1609 **RHEINGOLD.** Yellow with mahogany blotches on lower petals. Pkt. 20c

One pkt. each above for 50c

- 1628 **ROGGLI SWISS GIANTS MIXED.** Gigantic flowers of heavy texture on strong stems. The colors are choice and rare, surpassing in quality and range all other Swiss Giants. Pkt. 25c.

SPECIAL MIXTURES

- 1620 **ENGLEMANN'S SPECIAL GIANT.** Re-selected to a strain of immense flowers from the old Scottish Show type. Bronze and reddish shades. Vigorous, compact and early flowering. Pkt. 35c
- 1629 **MASTERPIECE OR RUFFLED PANSIES.** A remarkable strain of Giant Pansies with beautifully frilled petals, so full as to appear almost double. Rich colors, with dark velvety shades predominating. Pkt. 20c
- 1631 **TRIMARDEAU MIXTURE.** A superior strain, with robust deep-rooting plants and flowers of mammoth size and great substance. Choice mixed colors. Pkt. 15c

Brilliant New Petunias

Bedding Petunias

Dense bushy little plants, 8-12-inches high, literally covered with flowers. Indispensable for borders, pots, rock gardens and bedding.

- 1642 **RADIANCE.** 1941 Silver Medal Winner. Brilliant cerise-rose with a golden throat. Blooms $2\frac{1}{2}$ to 3 inches in diameter.Pkt. 20c
- 1643 **LADYBIRD.** Bright carmine overlaid with scarlet. One of the most vivid, outstanding colors in Bedding Petunias. Its dwarf, bushy growth makes it desirable also as a pot plant.Pkt. 20c
- 1644 **GLOW.** Bright rich rose-red flowers on dwarf compact plants. Blooms profusely.Pkt. 20c
- 1645 **HOLLYWOOD STAR.** Distinctive novelty with 5-pointed star-shaped flowers of deep rose-pink with a golden throat.Pkt. 15c
- 1646 **ROSE GEM.** A new miniature strain, with rich deep rose blooms which cover the compact plants from early summer to frost.Pkt. 15c
- 1647 **FLAMING VELVET.** Rich velvety crimson. The best of its color.Pkt. 15c
- 1648 **SALMON SUPREME.** A new color: flowers open rich coral-salmon, changing as they mature to gorgeous salmon-pink.Pkt. 20c
- 1649 **ROSE OF HEAVEN.** Brilliant rose.Pkt. 10c
- 1650 **VIOLEACEA.** Deep rich violet-blue.Pkt. 10c
- 1651 **FINEST MIXED BEDDING PETUNIAS.** $\frac{1}{4}$ oz. 40c; pkt. 10c

For Petunia Plants see Page 47

A plant of Salmon Supreme Bedding Petunia. Note the well rounded bush form.



Theodosia, a Giant Single Fringed Petunia of Soft Rose-Pink.

Balcony Petunias

For Porch & Window Boxes.

- 1656 **DEEP BLUE.** Beautiful deep violet-blue.Pkt. 15c
- 1657 **DAMASK ROSE.** Brilliant Tyrian rose.Pkt. 15c
- 1658 **RED WONDER.** The brightest red of all. Free blooming, with extra-large flowers $3\frac{1}{2}$ in. across.Pkt. 20c
- 1659 **BLACK PRINCE.** Deep rich velvety red.Pkt. 15c

Giant Petunias

- 1653 **ALL-DOUBLE GIANT FRINGED MIXED.** This wonderful new strain produces 100% double-flowering plants. The flowers are exquisitely fringed and often measure 5 inches across. An extra fine mixture.Pkt. 50c
- 1654 **ELK'S PRIDE.** A Giant Single Petunia of exceptional beauty. The color is a deep, velvety purple. Plants are dwarf, compact and vigorous.Pkt. 25c
- 1655 **THEODOSIA.** A Giant Single Fringed Petunia of soft rose pink, with wide golden throat, delicately veined. Gracefully fringed and ruffled.Pkt. 30c

This Book Answers All Your Garden Questions

Tells you how to grow and care for Perennials, Annuals, Bulbs, House Plants, Shrubs, Evergreens, Lawns, Trees and Vegetables. Contains 20 pages on Weed Control, Insect and Disease Control, Fertilizing and Pruning, Propagating and Dividing. 120 Pages—Many Illustrations.

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Annual Phlox

Drummondii Gigantea

Improved Annual Phlox rivals in size the hardy perennial varieties and is unsurpassed for massing and bedding. It provides an un-failing display of color and cut flowers from early July until well into October.

- 1664 **RED GLORY.** 1942 All-America Winner. Rich bright red, with contrasting white eye.Pkt. 25c
- 1665 **ROSY MORN.** Deep rose-pink with a white eye.Pkt. 20c
- 1666 **FINEST BEDDING MIXED.** 12 in. $\frac{1}{4}$ oz. 35c; pkt. 10c
- 1673 **STAR CHOICE MIXED.** 12 in. $\frac{1}{4}$ oz. 40c; pkt. 10c

For HARDY PHLOX PLANTS, see page 47, and color illustration, page 42.

PHYSALIS, Chinese Lantern Plant (Perennial)

- 1675 **FRANCHETTI.** 18-24 in. Plants form dense bushes and bear bright, orange scarlet pods, resembling miniature Chinese lanterns. May be dried and used for winter bouquets. Very attractive when combined with Lunaria.Pkt. 10c

PINKS, see Carnation, Dianthus and Sweet William.

Platycodon

Chinese Bell or Balloon Flower (Perennial)

- 1679 **GRANDIFLORA BLUE.** Height 18-24 in. Handsome compact-growing plants, bearing an abundance of broad, bell-shaped blue flowers in July. The flowers when in bud have the appearance of inflated balloons.Pkt. 10c

PYRETHRUM or Painted Daisy (Perennial)

- 1725 **SINGLE MIXED.** Beautiful daisy-like flowers which play an important part in the garden because of their long-blooming season, bright colorings and usefulness for bouquets. The petals radiate about a golden center; colors are pink, rose and red.Pkt. 15c

RHODANTHE, Everlasting (Annual)

- 1729 **MANGLESII ROSE.** 1 ft. One of the few everlastings which retains its grace and beauty after being dried. Flowers cut before they fully expand retain their beautiful bell form.Pkt. 10c

RICINUS or Castor Bean (Annual)

- 1730 **RED SPIRE.** 6-8 ft. Foliage plants of luxuriant and rapid growth. Valuable for backgrounds and screens, producing a rich tropical effect. The leaves are of enormous size, deeply lobed and conspicuously veined, dark green and bronze in color. $\frac{1}{4}$ oz. 25c; pkt. 8c

Portulaca

Moss Rose (Annual)

Portulacas thrive in a dry, sunny position where most other flowering plants would die of drought. They are but 4 inches high, of spreading habit and form a dense thick carpet. The glossy cup-shaped single blossoms and rose-like double flowers cover the plants and make a brilliant display all summer.

- 1712 **SINGLE MIXED.** $\frac{1}{4}$ oz. 20c; pkt. 10c
- 1713 **DOUBLE MIXED.** $\frac{1}{8}$ oz. 50c; pkt. 15c



Now PORTULACA in low border edgings.

Alyssum Saxatile Compactum is a sheet of bright yellow bloom in spring and makes a gay edging for the tulip bed.

Gorgeous Poppies

ICELAND POPPIES (Nudicaule) Perennial

To brighten the garden, you can make no better choice than the new improved Iceland Poppies. They bear immense flowers with broad, deeply fluted petals, giving a semi-double effect. Bloom freely the first year from seed if sown early.

- 1707 **THE EMPEROR.** 18 in. Deep tangerine, orange.....Pkt. 15c
- 1708 **THE EMPRESS.** 18 in. Shades of salmon and rose-pink.....Pkt. 15c
- 1709 **YELLOW WONDER (Amurense).** An All-America Selection. 24 in. Bright buttercup yellow. Heat and drought resistant.....Pkt. 15c

ORIENTAL POPPY Perennial

- 1710 Height 2-3 ft. For gorgeous coloring Oriental Poppies have few rivals among hardy plants. The flowers are often 6 inches across and are borne on tall stems. Produce a magnificent effect.....Pkt. 15c

Annual Poppies

- 1691 **AMERICAN LEGION.** An improved variety of Flanders Poppy. Flowers are a brilliant orange-scarlet of enormous size, on long stout stems. ¼ oz. 25c; pkt. 10c
- 1692 **GIANT SHIRLEY (Silk or Ghost).** 1 ft. Beautiful satiny flowers, 4 inches across, with fluted, crinkled petals. Colors contain delicate shades of rose apricot, salmon-pink and crimson with occasional blues. Foliage is hairy and finely cut. Oz. 30c; pkt. 10c
- 1695 **DOUBLE SHIRLEY POPPY, "Sweet Briar."** Deep rose-pink flowers, full and double. Resembles a large double Begonia.....Pkt. 10c



ICELAND POPPY "EMPEROR."
Has silky-textured, fluted flowers of deep tangerine orange.

Bright New Salvias

Scarlet Sage (Annual)

Handsome summer and autumn-flowering annual with brilliant flowers; very effective for massing, bedding and cutting. Useful also for window box and pot plants.

- 1745 **SPLENDENS.** 2-3 ft. Plants are much branched with large spikes of bright scarlet flowers produced in profusion during the summer and fall. This is the old favorite bedding variety..... ½ oz. 75c; pkt. 15c
- 1746 **FIREBRAND (Harbinger).** 15 in. A true dwarf, large-flowering Salvia which commences blooming in July from early-sown seed. The symmetrical plants are completely covered with long sprays of large brilliant scarlet flowers.....Pkt. 25c
- 1747 **FARINACEA BLUE BEDDER.** 2-3 ft. Long spikes of showy deep blue flowers, splendid for garden display and cutting. Can be dried and used as an everlasting. Seed sown in May will bloom from July to frost.....Pkt. 25c

SCARLET RUNNER BEAN (Annual Climber)

- 1760 Brilliant scarlet flowers followed by green shell beans excellent for table use..... Lb. 30c; ½ lb. 17c; pkt. 10c

SCHIZANTHUS, Butterfly Flower (Annual)

- 1764 Height 18-24 in. Plants are of bushy luxuriant growth, with delicate finely-cut foliage and exquisite orchid-like flowers in a great range of bright colors, blotched and marked in contrasting shades. One of the daintiest of annuals.....Pkt. 10c

SHASTA DAISY, see page 50.

SNAPDRAGON, see Antirrhinum, page 48.

The Flower Educator

Lovers of flowers will read with interest and pleasure Audel's Flower Educator. Contains over 600 pages and hundreds of illustrations including full page plates of flowers. Printed in large type, easy to read. Flexible art binding. A much appreciated gift.

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Reference Index**

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New Scabiosas

Pin-cushion Flower (Annual)

Showy in the garden and one of the finest annuals for cutting. Bloom continuously from early summer until frost, in a wide range of rich, beautiful colors. They grow 2 to 3 feet high, with flowers on long slender stems; also known as Mourning Bride.

- 1750 **ROSETTE.** Rose suffused salmon. .Pkt. 15c
- 1751 **KING OF THE BLACKS.** Reddish-black. ¼ oz. 30c, pkt. 10c
- 1752 **IMPERIAL GIANTS BLUE MOON.** A luscious shade of deep lavender blue. Extra large double flowers with broad, frilly petals.Pkt. 15c
- 1753 **PEACE.** 1941 All-America Selection. Semi-tall double white on eight-inch stems. Pkt. 20c
- 1755 **FIERY SCARLET.** ¼ oz. 30c, pkt. 10c
- 1757 **GIANT HYBRIDS MIXED.** ¼ oz. 30c, pkt. 10c

SCABIOSA CAUCASICA Blue Bonnet (Perennial)

- 1758 **GIANT HYBRIDS.** Height 18-24 in. Handsome hardy plants that thrive in ordinary garden soil. The semi-double flowers are 2 to 3 inches across and are borne on long stout stems; color is an exquisite lavender-blue shading to deep blue. Exceptionally good for cutting.....Pkt. 20c



Scabiosa Imperial Giants Blue Moon.

STATICE, Sea Lavender (Annual)

- 1769 **SINUATA.** 1-2 ft. Suitable for growing in rock gardens and charming when dried for winter bouquets. The flowers are produced in racemes on long, graceful stems. Colors: rose, blue and white; retains its true colors when dried. ½ oz. 25c; pkt. 10c

STEVIA (Annual)

- 1770 **SERRATA.** 2 ft. A fine bouquet mixer. Sprays of small white, sweetly-scented flowers are borne on long slender stalks. Flowers quickly after sowing. Covered with litter or straw plants often survive the winter.....Pkt. 15c



SALPIGLOSSIS,

Painted Tongue or Velvet Flower (Annual)

Illustrated Above

- 1741 Height 2-2½ ft. Beautiful velvety petunia-like flowers, greatly prized for cutting. They range in color from various shades of purple and blue through red and yellow to creamy white, delicately veined and penciled with gold. Bloom from July to frost..... ¼ oz. 50c; pkt. 10c

Colorful Stocks

Giliflower (Annual)

Their deliciously-scented flowers are borne in branching spikes on velvety-leaved plants. The secret of growing good Stocks in the garden is to start the seed early indoors, prick the seedlings into tiny pots, and keep them growing rapidly until they can be set outdoors in the richest possible soil.

- 1772 **DWARF TEN WEEKS.** 12 in. Large-flowering, double, fine for bedding. Finest mixed colors.Pkt. 10c
- 1774 **BEAUTY OF NICE.** 18 in. Double. Come into bloom twelve weeks from sowing. Deep flesh pink.Pkt. 15c
- 1777 **GIANT IMPERIAL.** 24 in. Double. Given sufficient room, the plants form magnificent bushes with long, thick flower. Finest mixed colors.Pkt. 15c
- 1778 **EVENING SCENTED STOCK.** (*Matthiola Bicornis*.) 15 in. Small rosy lavender flowers which emit a delicious perfume after dark.Oz. 80c; pkt. 5c

STOKESIA, Cornflower Aster (Perennial)

- 1780 **CYANEA.** 2 ft. One of the choicest flowers for the garden and indispensable for cutting. Plants are much branched and bear freely from July until frost, the handsome lavender-blue flowers which measure from 4 to 5 inches across. Of easy culture, succeeding in any open, sunny position.Pkt. 10c

Sunflower

Helianthus (Annual)

- 1830 **MINIATURE SUNFLOWER.** 3-4 ft. Produce flowers in many shades of rose, bronze and orange. Bloom all summer and are useful for cutting.Pkt. 10c
- 1831 **RED SUNFLOWER.** 4-6 ft. Curled petals in various shades of red and orange, beautifully shaded and bordered. .Pkt. 10c
- 1832 **MAMMOTH RUSSIAN.** 8-10 ft. Huge flat flower heads grown for the seeds which are fed to parrots, poultry and birds. Planted in the poultry yard the plants furnish shade, and when planted in the vegetable garden the stalks will serve as poles for climbing or pole beans.Large pkt. 5c

SWEET ALYSSUM, see Alyssum, page 48.

SWEET SULTANS, see Centaurea, page 50.



To have strong, thrifty plants and large flowers, sow seed of SWEET WILLIAM every year.



Among the oldest and best-loved garden flowers are STOCKS or GILIFLOWERS.

Sweet William

Dianthus Barbat (Perennial)

One of our finest hardy garden plants, of easy culture and thriving in any good garden soil. Grow 12 to 18 inches high, with flowers in flat clusters on tall stiff stems.

- 1890 **SINGLE LARGE FLOWERED MIXED.**
- 1891 **DOUBLE LARGE FLOWERING MIXED.**
- 1892 **PINK BEAUTY.** Beautiful salmon-pink.
- 1893 **SCARLET BEAUTY.** Brilliant scarlet.

Any of the above, pkt. 10c.

Garden Books

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AUDEL'S GARDENERS' AND GROWERS' GUIDE—Four volumes, 1,700 pages, hundreds of illustrations. Tells how to prepare the soil, how to plant, grow and improve vegetables, fruits and flowers. Flexible art binding. \$5.35, prepaid. Circular free.

For Perennial Pea (*Lathyrus*), see page 53.

Sweet Peas

Early Spring-Flowering Spencers

Best for the North and Middle West, as they come into bloom a month earlier than the late varieties, and continue to bloom for a much longer period. Our leaflet, "How To Grow Sweet Peas," is free for the asking.

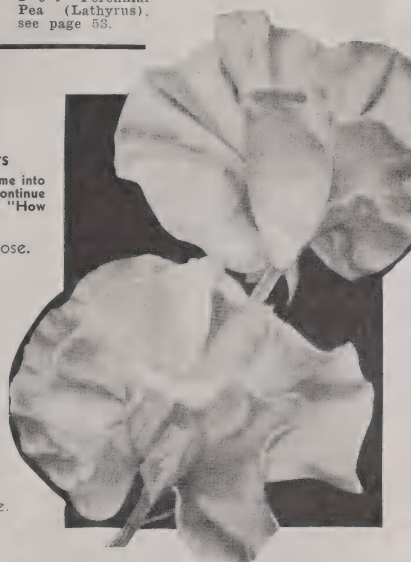
- 1834 **American Beauty.** Rich crimson-rose.
- 1835 **Amethyst.** Royal purple.
- 1836 **Ball's Rose Improved.** Deep rose-pink.
- 1837 **Cascade.** Large pure white.
- 1839 **Laddie Improved.** Light rose-pink.
- 1841 **Florist Rose.** Pure carmine-rose.
- 1843 **Fragrance.** Clear lavender.
- 1845 **Daphne.** Soft salmon-pink.
- 1847 **Mariner.** Clear marine-blue.
- 1848 **Mars.** Deep crimson.
- 1850 **Treasure Island.** Sparkling orange.
- 1851 **Oriental.** Deep cream.
- 1852 **Othello.** Maroon.
- 1854 **Red Cross.** Dazzling scarlet-cerise.

Any of the above, pkt. 15c;
2 pkts. for 25c.

Summer-Flowering Spencers

- 1857 **Ruffled Blue.** Medium blue.
- 1858 **Bonnie Ruffles.** Cream-pink.
- 1859 **Ruffled Crimson.** Rich crimson.
- 1860 **Ruffled Crinkles.** Pink, suffused coral.
- 1861 **Ruffled Purple.** Rosy purple.
- 1862 **Ruffled Rose.** Pure rose.
- 1863 **Royal Ruffles.** Scarlet-cerise.
- 1864 **Ruffled White.** Pure White

Any Summer-Flowering Spencers, pkt. 10c.



Special Ruffled Sweet Peas

- One **Bonnie Ruffles.** Cream-pink.
- Pkt. **Ruffled Blue.** Medium blue.
- Each **Ruffled Crimson.** Rich crimson.
- Royal Ruffles.** Cerise.
- Ruffled Rose.** Pure rose.
- Ruffled Purple.** Rosy purple.

All 6 Pkts. 50c

1865 **RAINBOW MIXED SPENCER.** Giant Waved Spencer varieties in a complete color range. ¼ lb. 50c; oz. 25c; pkt. 10c

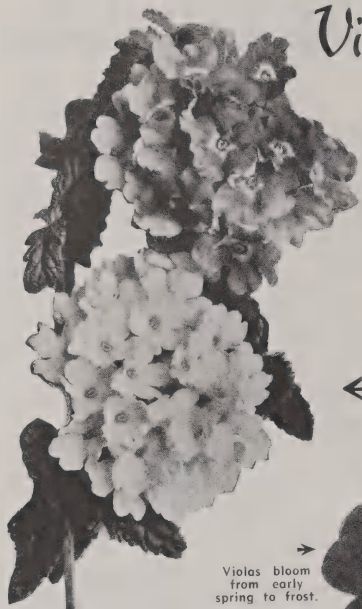
1875 **EARLY FLOWERING SPENCER MIXED.** Come into bloom a month earlier than other sorts. Oz. 50c; pkt. 10c

Vivid Verbenas

Giant Hybrid (Annual)

Unsurpassed for massing in large beds. The plants are of low spreading growth and are covered with brilliant flowers from June to frost. Average trusses measure 3½ inches across. Valuable for cutting.

- 1899 **FLORADALE BEAUTY.** Extremely large flowers. Shades from rose-pink to rose-red. Pkt. 15c
- 1900 **BLUE AND PURPLE SHADES.** Pkt. 10c
- 1907 **CRIMSON GLOW.** A pure glowing crimson without an eye. Pkt. 15c
- 1908 **GIANT HYBRID MIXED VERBENAS.** This mixture includes shades of blue, lavender, purple, yellow, rose and scarlet. Will provide flowers for cutting all summer. ¼ oz. 40c; pkt. 10c



Violas bloom from early spring to frost.

TAHOKA DA ISY (Annual)

- 1894 20 in. A beautiful lavender-blue Daisy with deep yellow center and fern-like foliage. Borne on long stems, the flowers are tinted with rose as they fade. Bloom from late June to October. To get an even and quick germination, keep seed in refrigerator for 2 weeks before sowing. Pkt. 20c

TITHONIA (Annual) Mexican Sunflower

- 1896 **SPECIOSA.** 6-8 ft. A rare plant native to Mexico. The flowers are a flaming orange-scarlet, 3-4 inches across. Colorful and effective for tall backgrounds. Seed should be started indoors in April. Pkt. 15c.



The flowers of Tithonia are vivid orange-scarlet with velvety petals.

VENIDIUM FASTUOSUM (Annual)

Monarch-of-the-Veldt

- 1898 Height 2-3 ft. Deep, brilliant orange, daisy-like flowers, 4-5 inches across, with a double row of petals, the upper row having a glossy reddish-brown center. Germinates readily and flowers profusely. Pkt. 20c

VIOLA CORNUTA

Tufted Pansy (Perennial)

Closely related to pansies and violets, Violas make splendid edging plants for the border and rock garden. They are hardy and bloom continuously.

- 1918 **ARKWRIGHT RUBY.** Bright ruby crimson, shaded terracotta. Fragrant. Pkt. 20c
- 1919 **FINEST MIXED.** Includes lavender, orange, purple, blue and yellow. ½ oz. 35c; pkt. 15c

WALLFLOWER, Double (Annual)

- 1920 Height 12-15 in. Suitable for bedding or pot culture. The main spike is covered with double fragrant blossoms of brown and golden yellow. Seed started indoors in February produces flowering plants in July. Mixed colors. Pkt. 15c

WILD CUCUMBER (Annual Climber)

- 1925 **ECHINOCYSTIS LOBATA.** 20 ft. Grows rapidly and is thickly dotted with pretty white, fragrant flowers, followed by ornamental prickly seed pods. Oz. 25c; pkt. 10c

YUCCA, Adam's Needle (Perennial)

- 1929 **FILAMENTOSA.** 3-5 ft. Plants present a striking tropical appearance with their strong sword-like foliage and tall spikes of creamy white flowers. Bloom in July. Very effective in the border and rock garden. Pkt. 10c

Zinnias

for Bedding and Borders

- 1973 **BLACK RUBY.** 18 in. 1941 Bronze Medal Winner. Of the Lilliput or Pompon type, with deep velvety maroon flowers on long stems. Very effective when used in combination with lighter colors. Pkt. 20c
- 1974 **EARLY WONDER.** 15-18 in. Blooms within 30-40 days from sowing. The richly-colored flowers of orange, pink, and red are of medium size, on long wiry stems—excellent for cutting. Plants may be grown close together, there is very little foliage. Pkt. 15c; 2 pkts. 25c
- 1975 **IMPROVED LILLIPUT or POMPON.** Unsurpassed for bedding and cut flower purposes. The plants form handsome little bushes 12 to 15 inches high, and are literally covered with small, double flowers all summer until frost. Mixed colors. ¼ oz. 30c; pkt. 10c
- 1976 **RED RIDING HOOD.** Height 1 ft. Plants are of compact bush form, covered with intense scarlet flowers not over an inch across. Very effective in solid beds, for edging, and excellent for cutting. ¼ oz. 30c; pkt. 10c
- 1977 **PUMILA PICOTEE DELIGHT.** 2 ft. Dwarf plants with extra double flowers in a mixture of many attractive shades including salmon, buff, cream, yellow and lavender. Petals are beautifully picoté and ruffled. ¼ oz. 60c; pkt. 15c
- 1979 **MEXICANA or MINIATURE.** 12-15 in. This dainty little Zinnia should be in every garden. Arranged in low bowls for table decoration, it makes the daintiest and most attractive bouquets imaginable. The flowers are double and semi-double, about 1½ inches across. Colors include rose, tipped yellow; maroon tipped cream and yellow tipped red. Mexican Zinnias are splendid for borders and edging. ¼ oz. 50c; pkt. 15c



Cupid Zinnias for Table Bouquets.

Cupid Zinnias

The Smallest of All. Height 1 ft.

Semi-globular flowers, closely imbricated, on long slender stems. As the flowers open, the rounded plants are converted into a mass of color which persists through summer and autumn. Especially adapted as border, bedding, edging and rock garden plants.

- 1980 **TINY TIM.** Rich scarlet.
- 1981 **PIXIE.** Bright yellow.
- 1985 **FINEST MIXED COLORS.**

Each of the above, ¼ oz. 50c; pkt. 15c.

Sensational New Zinnias

This year we are able to add another color to our list of Dahlia Flowered Zinnias. It is the new Giant Dahlia Flowered Royal Purple, a 1942 All-America selection. The color is deep and rich, without blue toning. Combined with Golden Dawn and Oriole, the effect is magnificent.

Giant Dahlia Flowered Zinnias

Height 3 ft.

Huge, double flowers, often measuring 4 inches in depth and from 4-5 inches across. The petals are broad, and closely imbricated resembling the show type of Dahlia. Flower in 60 days.

1936 **ROYAL PURPLE**. Deep rich purple. Pkt. 25c

A 1942 All-America Selection.

1931 **WILL ROGERS**. Brilliant scarlet.

1932 **GOLDEN DAWN**. Golden yellow.

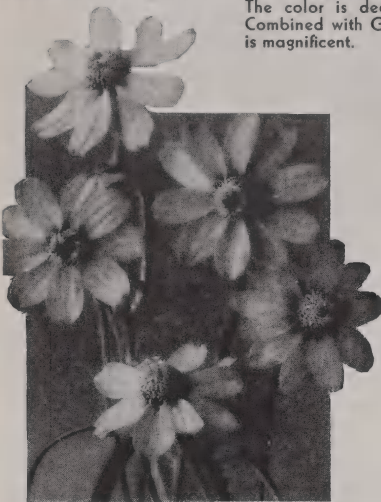
1933 **ILLUMINATION**. Deep rose.

1934 **CRIMSON MONARCH**. Rich crimson.

1935 **ORIOLE**. Orange and gold bi-color.

1940 **GIANT DAHLIA FLOWERED MIXED**.

Each of the above (except Royal Purple) 1/4 oz. 50c; pkt. 10c.



Zinnia Linearis, with its golden-orange flowers striped lemon-yellow, is ideal for edging.

Howard's Giant Crested Zinnia

This new strain was produced by crossing the Dahlia Flowered and the Scabiosa Flowered types. The blooms average from 4 to 5 inches in diameter, with a full rounded cushion center surrounded by broad guard petals. The colors are bright and fresh and come in shades of rose, maize, yellow, orange and crimson. They are unequalled for cut flower purposes, and the effect of a bouquet of this gorgeous new type is breath-taking.

1945 **MIXED COLORS**. Pkt. 20c.

Novelty Zinnias

1968 **PICOTEE GIANT DOUBLE MIXED**. Large double flowers, measuring 4 inches or more in diameter. Colors are: orange, yellow, pink and flesh with edges of petals serrated and tipped with a contrasting color. 1/4 oz. 50c; pkt. 10c

1970 **FANTASY**. 2 1/2-3 ft. The shaggy ray-like petals of this type resemble the cactus dahlias. The color range includes the brightest shades of red, yellow and orange, as well as pastel pinks and cream. 1/4 oz. 50c; pkt. 10c

1971 **LINEARIS**. 12 in. A new strain, bearing single flowers of deep golden orange, with a contrasting yellow stripe through each petal. It is early flowering, and if allowed plenty of space, the plants spread over two square feet, without growing taller than ten inches. Flowers profusely. Pkt. 15c



PROTECT YOUR HANDS
with
EEZY-WEAR GARDEN GLOVES

All-leather — dirt-proof — soft as kid — extra pliable. Specify for men or women. "Small," "Medium" or "Large." Price: 75c a pair, prepaid.



Howard's Giant Crested Zinnia

Zinnia Specials

Giant Harmony Collection

One	Howard's Giant Crested	
Pkt.	Super Crown O'Gold	35c
Each	Dahlia Flowered Mixed	

Border Collection

One	Cupid Finest Mixed.	
Pkt.	Red Riding Hood.	30c
Each	Mexicana or Miniature.	



Zinnia Dahlia Flowered Will Rogers is bright scarlet

Super Crown O'Gold

Height 3 ft.

This aristocrat among Zinnias retains its place as an outstanding novelty. The flowers are large, double and well-formed; each petal overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip.

1950 **PASTEL TINTS**. Includes shades of soft yellow, old gold, pink, peach, salmon and buff. Pkt. 15c.

California Giants

Height 3-4 ft.

Very large double flowers, averaging 5-6 inches in diameter when in full bloom. Somewhat flat in form, the flowers have a most graceful appearance and are splendid for cutting. Bloom in 60 days.

1960 **GRENADIER**. Extra fine dark red.

1962 **LAVENDER GEM**. Clear lavender.

1963 **ROSE QUEEN**. Rose with deep rose-center.

1964 **LEMON QUEEN**. Petals canary yellow on upper and eerie on lower side. Fragrant.

1965 **CALIFORNIA GIANT MIXED**.

Each of the above, 1/4 oz. 50c; pkt. 10c.



Fantasy—a cactus-petaled Zinnia, different from all other types.

If you have been disappointed in growing Sweet Peas we suggest that you try the new Early Spring Flowering Spencers. See Page 57.

Permanent PASTURE AND Meadow Mixtures

Newest Experiment Station
Recommendations
And How to Sow Them

These approved combinations or mixtures of suitable pasture plants are generally more desirable than one kind of plant seeded alone. The mixture affords variety, adds palatability and often increases the production per acre. A single grass or legume may fail to make a good stand when others catch well.

Here's Big News for '42!

Under the 1942 AAA Program, the Government pays you for reseeding depleted pastures. Such partial seedings, consisting of adapted pasture grasses, perennial or biennial legumes, or approved pasture mixtures, will earn a payment of 13¢ PER POUND of seed sown! All mixtures offered on this page (except Annual Hog Pasture) would qualify for this generous payment. In most cases this will cover about 75% of your seed cost! Be sure to take advantage of this unusual opportunity.

Timothy and Alsike Mixture

Earns 75¢ Per Acre AAA Payments!
Permanent and Productive

1. It makes an excellent permanent pasture as both grasses are perennials.
2. It may be grown on slightly acid soil where Red, Sweet Clover or Alfalfa do not thrive.
3. The hay produced is very leafy, of fine quality and richer in protein than Timothy alone.
4. More tons per acre can be produced.
5. Fertility will be added to the soil through the Alsike, and the Timothy will grow much better as a result.
6. All classes of livestock like the hay.
7. Good returns may be expected on uplands as well as lowlands.
8. Timothy and Alsike mixed will produce more feed per acre than if two separate fields of Timothy and Alsike were grown for hay and mixed.
9. More seed is produced per acre than from two separate fields of Timothy and Alsike. This allows us to make a lower seed price to the farmer than if he bought Timothy and Alsike seed separately and mixed them.

We offer two mixtures of Timothy and Alsike. One contains 20% to 25% Alsike, and is a very popular mixture, grown to a great extent. For those who wish a larger percentage of Alsike, we supply a mixture having 30% to 35% Alsike. This mixture has become popular and is in as big demand as the 20% to 25% mixture. Sow about 12 lbs. of either mixture to the acre. Price: 5 lbs. \$1.15, postpaid. For prices on larger quantities, see Blue Figure Price List.

SETTING THE GRAIN DRILL

For Sowing Brome-Alfalfa or

Brome-Crested Wheat Mixtures

To sow Brome-Alfalfa Mixture at the rate of 18 lbs. per acre, set drill at "3" in pecks of wheat. To sow 26 lbs. per acre, set drill at "4".

To sow Brome-Crested Wheat Mixture at the rate of 15 lbs. per acre, set drill at "3" in pecks of wheat. To sow 22 lbs. per acre, set drill at "4" in pecks of wheat.



Grass Mixtures Provide Variety, Palatability and Increased Nutrition.

New Brome-Alfalfa Mixture

Earns \$1.50 Per Acre AAA Payments!

This mixture contains approximately 30% Brome Grass, 25% Alfalfa, 25% Sweet Clover and 20% Timothy. It is highly recommended by the Minnesota, Wisconsin, Iowa, Illinois, Ohio and Michigan Agricultural Experiment Stations, and has proven to be an excellent rotation combination. For one to two years it produces a hay crop, after which it can be pastured—the brome and alfalfa continuing to produce.

Increased hay production of 30% to 40% over brome grass sown alone is generally noted. The alfalfa supplies nitrogen for the brome grass, keeping it very productive, and avoiding a sod-bound condition. Brome grass in turn provides winter covering for the alfalfa.

In this ideal combination, brome grass has been shown a 20% to 30% greater protein content than is shown alone, with a tendency to prevent blue grass and annual weeds from coming in.

Sow 18 to 26 lbs. of seed per acre on a well-prepared seed bed, adjusting your grain drill as explained below (in column 1) under "Setting the Grain Drill." Ask for special circular.

Price: 5 lbs. \$1.75, postpaid. See Blue Figure Price List.

Mixture For Low Wet Ground

Earns 75¢ per acre AAA payments!

For land that is occasionally overflooded. This pasture and meadow mixture contains grasses that withstand overflowing of the land without being drowned out. The following mixture has proved most satisfactory for this purpose: Red Top, Timothy, Alsike, Brome Grass, Domestic Rye Grass and Reed Canary Grass, mixed in the proper proportions. After a few seasons, the Red Top, Brome Grass and Reed Canary Grass will predominate, giving you a permanent pasture or meadow that will yield many tons of hay having high feeding value.

Sow 20 to 25 lbs. per acre. For top seeding, sow 10 to 15 lbs. per acre. Price: Not prepaid, 10 lbs. for \$2.90. See Blue Figure Price List for larger quantities.

Brome-Crested Wheat Grass Mixture

Earns \$1.50 Per Acre AAA Payments!

Contains approximately 30% Brome Grass, 25% Crested Wheat, 25% Alfalfa and 20% Sweet Clover, properly blended.

This mixture has been found the most drought resistant of all grasses and recommended by the Minn. Experiment Station.

It is well suited for a long rotation, giving luxuriant pasture—appetizing and rich in protein, minerals and vitamins.

Sow 15 to 22 lbs. per acre, adjusting your grain drill as explained at bottom of column 1. Price: Not prepaid, 10 lbs. for \$2.90. See Blue Figure Price List.

All Season Pasture and Meadow Mixture

Earns 75¢ Per Acre AAA Payments!

For all soils except low, wet ground. We offer this special pasture and meadow mixture designed to supply hay or grazing throughout the entire season. This mixture is made up of hardy, strong-rooted grasses and clovers which will resist the extremes of our cold northern winters and hot, dry summers, also endure close pasturing.

Pasture and hay lands, when used for feeding livestock, have shown more profits than most other kinds of crops. In the government program to curtail production of grains and corn, pasture and hay combinations are recommended to be planted on those acres which otherwise would be idle. In the past there has always been a shortage of high quality hay in many sections of the country and it will be many years before an oversupply can be produced.

This All Season Mixture includes Kentucky Blue Grass, Timothy, Red Top, Alsike, Red Clover, Brome Grass, Meadow Fescue, and Domestic Rye Grass in proper proportions. Sow at the rate of 20 to 25 lbs. per acre. Price: Not prepaid, 10 lbs. for \$2.90. See Blue Figure Price List for larger quantities.

Permanent Hog Pasture Mixture

Earns 75¢ Per Acre AAA Payments!

Permanent Hog Pasture Mixture contains the following mixed in the right proportion to produce the greatest feeding value.

Alfalfa.
Red Clover.
Alsike Clover.
Sweet Clover.

Meadow Fescue.
Domestic Rye Grass.
Bromus Inermis.
Timothy.

This mixture can be sown any time, from early spring until midsummer, and does not require any particular kind of soil. In fact, any soil that produces crops of small grain or corn, will answer the purpose. Because of the large amount of clover and alfalfa it contains, it serves the double purpose of providing the hogs with pasture of high feeding value, and building up the soil at the same time. Sow 25 lbs. per acre. Price: 10 lbs. for \$2.90, not prepaid. See Blue Figure Price List.

Annual Hog Pasture Mixture

ONE ACRE ENOUGH FOR 40 SPRING PIGS
OR 20 OLDER HOGS

This mixture will develop young pigs rapidly, and produce pork at a minimum cost. It contains all the necessary body and bone building elements, and will prove much more economical than the use of corn, grain and mill feed throughout the year. A good pasture of legumes, grasses and grains, will keep hogs in healthy condition, fatten them quickly, so that but little corn is required to finish them off. Contains Amber Cane, Vetches, Field Peas, Barley, Rye, Oats, Dwarf Essex Rape and Sudan Grass.

Sow at the rate of 60 to 75 lbs. per acre. Price: See Blue Figure Price List.

HARDY GRASSES and How to Sow Them



Brome Grass brings you \$1.50 per acre AAA payments (see page 63) and a good hay crop or pasture as well. Valuable on hillsides, ditches or banks to prevent "soil washing."

Brome Grass Bromus Inermis

Becoming important as a hardy hay and pasture grass and in combination with other grasses. Also called Smooth Brome Grass.

This vigorous, hardy perennial with strong, creeping roots, makes excellent hay and pasture on poor, dry soil or on moist, low ground that is flooded at times. Valuable on hillsides and terraces to keep soil from washing away. It starts early, two or three weeks before other grasses, remains green until November, and stands close cropping.

It grows three to four feet high, yielding two to four tons of palatable hay per acre. Cut for hay when in full bloom. Also a profitable seed crop.

Seeding with a grain drill is best as seed should be covered. Sow 18 to 20 lbs. per acre in rows six inches apart and $\frac{1}{2}$ to 1 inch deep. To sow 18 lbs. per acre, set drill at "13" (in pecks of wheat), and for 20 lbs., at "12 $\frac{1}{2}$." Extra help is needed to keep seed moving freely through the drill. Price: 5 lbs. \$1.50, postpaid. For larger quantities see Blue Figure Price List.

Crested Wheat Grass

The Ideal Dry Land Pasture Grass

This hardy drought-resistant perennial bunch grass has a longer productive period than Slender Wheat Grass or Bromus Inermis. Minnesota Experiment Station trials proved Crested Wheat and Bromus the two most drought-resistant grasses, and Alfalfa the most drought-resistant legume.

Its extensive root system permits an early and rapid growth. It becomes dormant during extremely hot, dry periods, but resumes growth in early fall, continuing very late. It grows at low temperatures and utilizes the soil moisture to check other grasses and weeds where moisture is limited. In semi-arid regions—Kansas, Nebraska, Montana, Wyoming and the Dakotas, this grass does best although it thrives anywhere. After hard use as sheep pasture, it comes right up again. Crested Wheat Grass produces 400 lbs. of seed per acre under dry conditions on two-year-old fields. Seed is in good demand.

It's Easy to Seed Crested Wheat

Seeding with a grain drill is best as seed should be covered. Sow 10 to 12 lbs. per acre in rows six inches apart, and $\frac{1}{2}$ to $\frac{3}{4}$ inch deep. To sow 10 lbs. per acre, set drill at "22" (in pecks of wheat), and for 12 lbs., set at "24." Well cleaned, heavy seed such as we offer, moves freely through the drill.

Fairway Strain of Crested Wheat

The University of Saskatchewan developed this shorter, more leafy strain which spreads from underground stems forming a good turf free from tufts. Survives extreme drought, hard use, and close clipping. This is ideal for pasture, golf course fairways, farm and even city lawns subjected to long dry spells without artificial watering facilities. For lawn sow 1 lb. seed per square rod. Price: 5 lbs., \$1.50, postpaid. See Blue Figure Price List.

REED CANARY

(Phalaris)

This Peat and Swamp Land Wonder Grass has reclaimed many worthless swamps and is making real profits for hundreds of farmers. It does well in boggy soils, swamps and marshes.

Four to Six Tons of Hay Per Acre

The hay (of high feeding value) is relished by all livestock. One acre will pasture three to four dairy cows from early spring until fall. Close grazing is best, except in fall. For hay, cut when heads first appear. Then feeding value is highest.

This hardy perennial grass will thrive until broken up, and can be easily controlled by plowing. Seedlings and plants are cold resistant. Heads appear early in June and ripen four weeks later. Plants grow four to six feet high with broad, light green leaves. Underground stems rapidly form a tough sod that holds up hay-making machinery.

How To Grow the Crop

Prepare a good seed bed. Fall plowing allows early spring seeding. The seed will germinate in water, but if covered by soil underneath the water, it will not grow until the water is drained off.

It does well with companion crops like Flax, small grains, Timothy or Bromus which check weeds and shade the slower growing Reed Canary Seedlings until fully established. When past the seedling stage, it grows rapidly, crowding out other grasses and weeds.

Rate of Seeding

Sow any of these companion crops with Reed Canary Grass: Flax, 35 to 42 lbs. per acre; small grains, one-half the regular seeding; Timothy or Bromus, broadcast 4 to 5 lbs. per acre, all sown with the regular seeding of Reed Canary, as follows: Broadcast,



After Harvesting Reed Canary Seed, a Hay Crop Can Be Cut Immediately.

5 to 6 lbs. per acre; drilled, 2 to 3 lbs. per acre in 16 to 18-inch rows. Use a packer on peat after seeding.

Sow early in spring so seedlings become established before weeds start. On weedy land, seed late in June or early July, disking up to this time, to kill weeds. If difficult to get on land in spring, seed in August or October. Price: See Blue Figure List. 5 lbs., \$1.90, postpaid.

Red Top

A hardy perennial grass found almost everywhere, but predominating on low, marshy ground, where it forms luxuriant growth. It grows 2 to 5 feet high, depending on soil and climatic conditions, with creeping roots, which enable it to grow on very wet and even very dry soil where other grasses grow but sparsely. It makes good pasture, and fair hay, if cut early, but the matured plants are wiry and coarse. Grows best with other grasses and clover. Price: 5 lbs. \$1.30, postpaid.

For larger quantities see Blue Figure Price List.

Timothy

A hardy perennial resistant to both cold and drought—it is best adapted for sowing with Clovers which supply nitrogen to the soil and increase the vigor of the Timothy. It may also be sown with grains as a nurse crop. The soil must be well pulverized and the seed slightly covered. Do not cut too early or pasture too late in the fall after the hay is cut. Timothy produces $\frac{1}{2}$ to 3 tons of hay per acre and should be cut at flowering time. Sow 15 to 20 pounds per acre alone; with Clover, 10 to 12 pounds per acre. Price: 5 lbs., \$1.00, postpaid. See Blue Figure Price List.

Meadow Fescue

This hardy western grass stands more abuse than Timothy and other grasses and will stand close cropping, drought and unfavorable soil conditions. Meadow Fescue grows two to three feet high and produces a very leafy undergrowth. In sowing alone, use 20 to 25 pounds per acre. See Blue Figure Price List.

Domestic Rye Grass

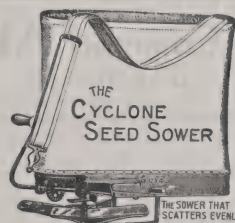
This grass is well adapted for pastures, meadows and lawns, as it endures close cropping and makes a dense, leafy undergrowth. It thrives almost everywhere but grows best in moist moderately rich soil. Sow 20 to 30 pounds per acre. Price: 5 lbs., \$1.00, postpaid. For larger quantities see Blue Figure Price List.

Kentucky Blue Grass

This famous grass does well almost everywhere on soil that is fairly rich, moist and moderately well drained. Blue Grass is the best of all grasses for lawns. See Blue Figure List.

Cyclone Hand Seeder
only
\$2.75

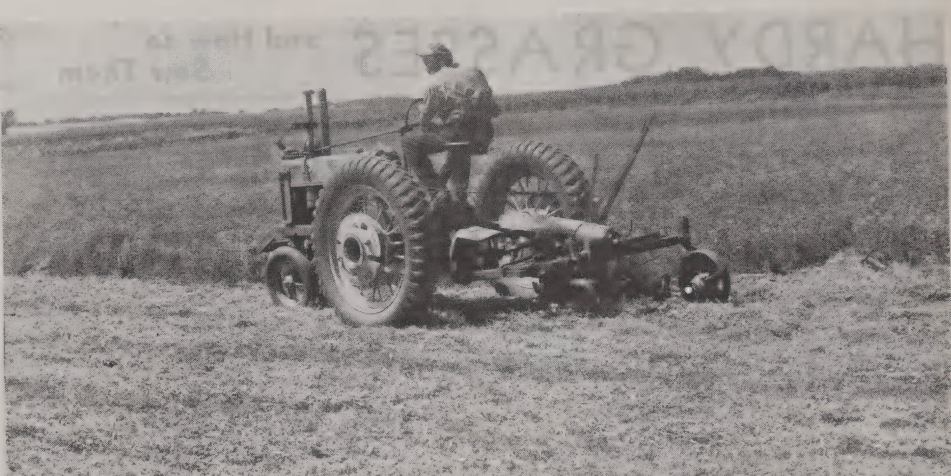
POSTPAID



This simple, light, strong, hand seeder sows timothy, clover, millet, and grass seeds, as well as flax, wheat, rye, oats, buckwheat, turnips, and fertilizers perfectly even, in any quantity, from one quart to three bushels per acre. Canvas bag holds one-half bushel seed. Shipping weight, 4 pounds. Price: \$2.55, not prepaid.

HARDY NORTHERN GROWN ALFALFA SEED

Cutting the second hay crop from a field of hardy northern Alfalfa. Grow a field of your own like this—it's "good property" for a number of years, and earns \$1.50 per acre AAA payments for you. At the same time it builds up your soil.



GRIMM ALFALFA

Grimm Alfalfa was introduced by Wendelin Grimm in Carver County, Minnesota. It is a very hardy, time-tried variety, and has been tested thoroughly throughout the United States, in many foreign countries and Canada. It has many lateral or branching roots which are not found in common Alfalfas, and has large spreading crowns. It appears to grow better where there is a hardpan sub-soil to contend with than many other varieties. The root system undoubtedly plays a big part in its hardiness, enabling it to withstand soil heaving, freezing and thawing better than varieties having only a single taproot. The blossoms are variegated from white and yellow to deep purple.

Grimm Alfalfa produced in Minnesota, the Dakotas, Montana and Idaho, is known to be very hardy. Our Minnesota Grimm is produced largely in Lake of the Woods County, near the Canadian Border. Montana or Idaho Grimm is grown in the dry-land areas and is able to withstand severe drought as well as cold. Therefore, the strains of the Grimm Alfalfa that we offer, will give you complete satisfaction. Price: Lb. 60c, postpaid. See Blue Figure Price List for Large Quantities.

Common Alfalfa DAKOTA NO. 12

The old dependable strain
Minnesota-Dakota-Montana grown.

This is the most commonly grown variety in Minn., Dakota and Montana. It has given the best of results on all types of soil and under all climatic conditions. Our seed stocks come from fields that have been in Alfalfa many years and the plants which endure the extremes of hot summers, severe winters and dry, high altitudes are thoroughly hardy. As Dakota No. 12 is always in great demand, we suggest placing your orders as early as possible. The performance of this variety has made it extremely popular in southern Minnesota, Iowa, Illinois, and other states in the Mid-west and East. Price: Lb. 50c, postpaid. See Blue Figure Price List.



LOOK FOR THIS TAG
ON EVERY BAG—IT'S
YOUR PROTECTION

We emphasize the importance of knowing where your Alfalfa and other Grass Seeds were grown. Cheaper, unadapted seeds should be avoided because they are more expensive in the long run, and not sufficiently hardy to withstand our northern winters.

Alfalfa Seed obtained from growers or shippers should be identified by the verified origin tags—this is your protection against mixtures, blends and unadapted seed.

As Verified Origin Seedsmen, any Alfalfas that we send you will be sealed and tagged, either with U. S. Verified Origin Certificates, or with certificate seal from the state in which it is grown.

W. R. Kuehn (U. S. Seed Verification Service) and Ralph Crim, both state that hardy Minnesota or Montana Grown Variegated Alfalfa must be at least 95% Grimm, or it could not have withstood these rigorous climates for so many years. For the past quarter century, we have featured these strains, and they are the most dependable that money can buy.

VARIEGATED ALFALFA From Old Time Unregistered Northern Fields

Equal to Registered strains for hardiness and hay production, and offered at a great saving in price.

Variegated Alfalfa is of a well known type with blossoms having a color range of white, yellow and purple. It is highly recommended but no definite records have been kept, and the fields therefore cannot qualify for registration. It has shown itself to be completely hardy in the most severe climates of Minnesota, Dakotas and Montana, and can be recommended as being very desirable for seeding in any part of the northern United States, where winter hardiness is essential. Lb. 50c, postpaid. See Blue Figure Price List.

COSSACK ALFALFA

Cossack Alfalfa was brought over from Siberia by Prof. Hansen of the South Dakota Experiment Station some years ago. This strain, under observation for five years in Russia, during which time not a single plant winterkilled, was proven to be absolutely hardy. In recent years, the demand for Cossack has been increasing and there never has been sufficient seed to take care of all requirements.

Cossack Alfalfa produces a somewhat finer hay than many of the other varieties and is equally as hardy as Grimm.

Cossack Alfalfa seems to withstand intense cold, heat and drought equally well. The flowers, like those of Grimm, have a great range of colors, white, purple, yellow, striped, etc. We advise sowing 15 lbs. per acre. Price: Per lb. 60c, postpaid. See Blue Figure Price List.

LADAK ALFALFA—Wilt and Drought Resistant

Introduced in the U. S. in 1910 from the mountain regions of northern India by the U. S. Department of Agriculture. It was planted at Havre, Montana, in 1916 and showed no winterkilling for more than ten years. When it was distributed in small quantities, Ladak immediately proved so outstanding that its rapid distribution was assured. Other varieties of Alfalfa could not compete with it for winter hardiness.

Ladak is highly resistant to the wilt disease which has been causing such great losses in the hay-producing sections. It produces a larger first cutting than any other Alfalfa and this means a larger tonnage per acre under all conditions.

It is particularly well adapted to regions where only one or two crops are produced each year because of short growing seasons or where hot, dry summers prevail. Ladak continues to grow and produces a good crop of hay when other varieties are practically at a standstill. The hay is very leafy and of high feeding value and is of exceptionally high quality.

Ladak has a large branching root system similar to that of Grimm or Cossack. Seed supply very limited.

Price: Lb. 60c, 5 lbs. \$2.85, postpaid. For larger quantities see Blue Figure Price List. Write for special free circular on Ladak Alfalfa.



AAA Payments for 1942!

The 1942 AAA Program gives you the opportunity to participate in greatly increased war-time production of food and fiber, and at the same time safeguard your basic resource, the soil. 20% of your crop land should be devoted to soil conserving uses such as perennial grasses or legumes, biennial legumes or annual Sweet Clover—pastured or clipped green and left on the land. Also Sudan, Millet or Annual Rye for pasture as well as qualifying green manure crops and summer fallow. See your County Agents for details.



You too, can earn this extra cash:

- 1 For seeding Alfalfa or White Clover, the Government pays you, per acre **\$1.50**
- 2 For seeding permanent grasses, or permanent pasture mixtures containing a full seeding of Bromo, or Crested Wheatgrass, or mixtures of such grasses, or mixtures containing White Clover or Alfalfa, and not less than one-half a full seeding of the grasses, the Government pays you, per acre **\$1.50**
- 3 For seeding Annual Rye Grass, biennial legumes (except Sweet Clover), perennial legumes, perennial grasses (except Timothy and Red Top), or mixtures (other than a mixture composed only of Timothy and Red Top) containing biennial legumes, perennial legumes or perennial grasses, except any of such crops qualifying at a higher rate of credit under any other practice, the Government pays you, per acre **75c**

- 4 For seeding Annual or Biennial Sweet Clover, the Government pays you, per acre **50c**
- 5 For seeding Timothy or Red Top or a mixture consisting only of Timothy and Red Top, the Government pays, per acre **40c**
- 6 For partial seedings, to reseed depleted pastures to adapted pasture grasses, perennial or biennial legumes or approved pasture mixtures, the Government pays you 15c per pound of seed sown! All the pasture mixtures we offer on page 60, (except Annual Hog Pasture) would qualify for this generous Gov't. payment which in most cases will cover approximately 75% of your seed cost. Be sure to take advantage of this unusual opportunity. Read all about our recommended pasture mixtures on page 60.

MINNESOTA GROWN CLOVER SEED

Only Northern Grown Clovers can be depended upon for Hardiness

There is much complaint of worn-out soils, weeds and unprofitable crops coming from those who once secured bountiful yields and satisfying profits when the land was new. Those who have used Clover regularly in the cropping system have no such complaints. Some kind of Clovers may be grown in practically every part of the United States. They have beneficial action on the soil and may be seeded with practically all kinds of grains. Clovers also serve as outstanding hay and pasture crops.

MEDIUM RED CLOVER

Medium Red Clover fits better into crop rotations than any other legume. It will increase the yield of succeeding crops, besides furnishing many tons of hay of high protein content. The first crop is usually cut for hay, before it comes into full bloom. The second crop may be cut for hay or seed or turned under, to fertilize the soil.

Red Clover is a biennial which means that it will grow for two seasons only and then must be reseeded. It is adapted to any well drained soil free from acidity and is better for general northwest conditions than any other clover. It furnishes luxuriant pasture and hay for cattle but is not quite so good for horses.

Sow Red Clover at the rate of 10 lbs. per acre with small grain or flax. Use about one-half or two-thirds of a normal seeding of grain or flax so as not to smother the clover. We use a clover seed attachment to the grain drill, sowing the seed ahead of the drills and cover it lightly with a harrow. Price: Lb. 40c, postpaid. See Blue Figure Price List.

MAMMOTH RED CLOVER

Extremely hardy, and valuable for fertilizing poor soil which is too low and heavy for growing Red Clover. It makes the best permanent hog pastures, seldom freezing out, and produces a large crop of hay, as much as 3 to 5 tons to the acre. Sow 5 to 6 lbs. per acre, with small grain, for plowing under. For a hay crop, sow 8 to 12 lbs. per acre. Grows on acid soil where Medium Red and Alfalfa fail. Yields again as much as Medium Red Clover, though the hay is rather coarse. Price: Lb. 40c, postpaid.

See Blue Figure Price List for Quotations on All Farm Seeds.

WHITE CLOVER

Best for lawns and pastures. White Clover is sown mostly in mixture with other grasses, especially with Blue Grass, for lawns, golf grounds, also for pastures for sheep and cattle. It thrives best in moist soil containing lime and considerable humus, but is also grown on sandy soil which is not too loose and dry. For lawns sow 5 to 6 lbs. mixed with grass seeds, to the acre. Price: 1/2 lb. 60c, lb. 90c, 5 lbs. \$4.25, prepaid. See Blue Figure Price List.



Your Money Can Buy No Finer Seed Than Master Farmer Red Clover.

Clovers are an important factor in soil renovation through maintaining or increasing in the soil the supply of vegetable matter and the supply of nitrogen.

Clovers have a heavier root system that leaves vegetable matter and fertility in the soil when it dies or when plowed under. Clover should be cut for hay as soon as the first blossoms begin to turn brown. This will result in the greatest yield of palatable hay.

NEW CUMBERLAND RED CLOVER

This hardy new Red Clover is a composite of equal proportions of three superior old strains grown in Kentucky, Tennessee and Virginia. It is the result of 12 years of breeding, testing and increasing, and was developed through a co-operative program of the Kentucky, Tennessee, Virginia, Idaho, Montana, Washington, Utah, Colorado and Oregon Experiment Stations and the International Crop Improvement Association, also the U. S. Dept. of Agriculture.

New Cumberland has high resistance to anthracnose and crown rot. It is well adapted to winter and summer conditions of the Medium Red Clover Belt, has very good growth characteristics, and has proved perfectly hardy in the North. Our seed is Montana grown, certified Blue Tag, but the available supply is small, so we urge you to order early. See Blue Figure Price List.

ALSIKE CLOVER

Alsike Clover has the same soil-building properties as Red Clover, storing nitrogen in the soil, thereby increasing the yields of succeeding grain and corn crops from 25 to 50%. It is a true hardy perennial, with fiber instead of tap roots, and is not injured by thawing and freezing.

Alsike can be sown on soil that is slightly acid or sour, where lime cannot be applied, and where other clover or alfalfa will not grow. It can be sown on heavy, wet, or low soil that sometimes becomes waterlogged, and also endures drought well.

It makes better hay than Red Clover, because of its fine smooth leafy foliage. Its feeding value is nearly equal to that of alfalfa. It makes fine pasture, as it is extremely hardy.

The seed of Alsike is very fine, therefore, only 7 or 8 pounds per acre are required. As a seed crop, it is often more profitable than Red Clover. It is cut for seed when two-thirds of the heads are ripe.

Alsike Clover has its place in the crop rotation the same as Red Clover and for best results is usually reseeded at the end of two years' growth. Price: Lb. 40c, postpaid. See Blue Figure Price List.

TEST YOUR OWN SOIL!

SOILTEX SOIL-TESTING KIT—Enables you to tell if soil needs lime (and how much) to grow Alfalfa, Clovers and other Legumes. Easy to use. Full directions. Complete kit, \$1.00, postpaid.

**Enrich Your Land
Make Cheap Hay**

Plant Sweet Clover

**Get AAA
Payments**



White Blossom Tall Biennial Sweet Clover.

This makes the rankest, tallest growth of any clover, producing the biggest hay crops and most luxuriant pastures. Because of its dense growth and the great size of its root system, it is the best soil enricher and green fertilizer. It is the best crop to grow to prepare the ground for a stand of alfalfa.

The plant looks much like alfalfa, especially when young, but the leaves are not quite as smooth, and taste slightly bitter. It forms a matting stem from which the side branches grow, while in alfalfa the crown sends up numerous shoots.

Our seed is of fine quality, free from foul weed seeds, and of high germination. Price: Lb. 35c, 5 lbs. \$1.25, postpaid. See Blue Figure Price List.

Yellow Blossom Dwarf Biennial Sweet Clover.

This variety grows shorter and is finer and more spreading than the white. It makes a very fine quality hay and pasture. Yellow Blossom Sweet Clover is 10 to 15 days earlier in maturing its seed, and where seasons are very short or unfavorable, there is an advantage in sowing this strain.

It can be cut for hay very early, and close to the ground, whereas the white must be cut high. It is also excellent for bees, supplementing the use of the white variety, and extending the season, on account of its earliness. Price: Lb. 35c, 5 lbs. \$1.25, postpaid. See Blue Figure Price List.

Grundy County Dwarf Biennial Sweet Clover.

Grundy County Sweet Clover is preferred by many farmers since it does not grow quite as tall as the common White Blossom variety and it produces finer stems and a greater number of leaves, making it better adapted for hay purposes.

It matures earlier so that the hay crop can be cut before the small grain is harvested. It produces a seed crop earlier than other varieties, and has the advantage in many localities that are subjected to early frosts. The hay cures more rapidly than the common tall variety and is very palatable.

Grundy County Sweet Clover makes an excellent pasture but it does not last as late in the season as the common tall variety. Price: Lb. 35c, 5 lbs. \$1.25, postpaid. See Blue Figure Price List.

Hubam

Annual Sweet Clover.

Hubam is an emergency pasture and hay crop to be sown in seasons where drought, freezing injury or other adverse conditions have wiped out pastures and meadows, leaving the farmer without any definite hay prospects. Hubam is a rapid grower and once it is well established can be pastured as you would pasture the biennial varieties of Sweet Clover.

Hubam is an Annual Sweet Clover. It is best suited for the Corn Belt section. It grows from 3 to 7 ft. high. It will produce as much as 3 tons of hay per acre, cut just before blossoming time. It grows on any good non-acid soil, and should be sown alone the same rate as other sweet clovers. Hubam will produce a seed crop in this latitude, in favorable growing seasons. Price: Lb. 45c, 5 lbs. \$1.80, postpaid. See Blue Figure Price List.

Free Sweet Clover Booklet
with your order on request.

Legume crops such as Sweet Clover will be in greater demand than ever before because of increased plantings for the maintenance of fertility under the U. S. Soil Conservation Program. Sweet Clover cannot be surpassed for soil improvement due to its rapidity of growth, large tonnage produced and its comparatively low seed cost.

Sweet Clover as a Hay or Pasture Crop

Sweet Clover is a leading crop in the United States. As a biennial legume, it fits in with any crop rotation, besides yielding a very large return of hay and pasture. Sweet Clover may grow one to three feet the first season and may be clipped for hay or pastured lightly if it makes a good growth. During the second year it grows very dense and rapidly and if cut for hay, it should be done early in the season, before the blossoms appear and the stems become woody.

Cut Sweet Clover six to eight inches above the ground. Allow the hay to wilt a few hours, then place in small cocks until it is dry enough to stack. One acre furnishes pasture for two to four cows throughout the season. Cattle readily bloat on it.

As a Soil Builder and Weed Control

Sweet Clover grows on clay, sandy, alkaline, or gumbo soil. It prevents drifting of shifting sandy soils. The hardpan subsoil is loosened by the heavy penetrating roots, allowing the necessary aeration and depositing large quantities of humus and nitrogen. Sweet Clover is a rank, dense grower of great value in exterminating weeds such as quack grass, thistle, etc.

Use 15 lbs. of seed per acre with a nurse crop of one half the usual seeding of grain or 28 to 35 lbs. of flax per acre. Firm the seed bed well after planting. Inoculate with Nitragin.

Food To Feed 10,000,000 People of Europe:

The Job Entrusted to American Agriculture

The Department of Agriculture expects a jump of 8% over the 1941 record yields and "all-out" food production by American farmers to feed the Home Land and 10,000,000 people of Europe.

DAIRY SECTIONS OF NORTHWEST TO BENEFIT MOST

The dairy and livestock industry will be benefited greatly over the 1941 record yields and "all-out" food production by American farmers to feed the Home Land and 10,000,000 people of Europe. Dairy men should receive around \$2,000,000,000 in 1942 and the Northwest is in a most favorable position to cash in. There will be need for 8,000,000 more pigs than last year—big gains are also expected in poultry, cattle and sheep.


OVER A MILLION MORE VEGETABLE GARDENS

A campaign for 1,300,000 more vegetable gardens than in 1941 is under way. The government stresses the importance of fresh vegetables and encourages increased planting of home fruit gardens, community and school gardens.

WHAT THIS MEANS TO YOU

It means a real opportunity to serve your country and improve your income at the same time. Farm prices are showing the first rise above parity in 21 years.

Master Farmer Seeds will lay the foundation for your share of the \$13,000,000,000 cash income the U. S. D. A. forecasts for 1942.



INOCULATE
your LEGUMES
with
NITRAGIN

for ALFALFA, CLOVER,
BEANS, COMPEAS, PEAS,
SOYBEANS, LESPEDEZA,
PEANUTS, all LEGUMES

1898 Forty Four Years of Service 1942

PRICES REDUCED ON PEA, VETCH, LESPEDEZA,
COMPEAS, PEANUTS, and SOYBEAN GROUPS

BUILD UP YOUR SOIL

Inoculate Your Legumes with NITRAGIN

Inoculate your Legume seeds even though planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

INOCULATE WITH NITRAGIN

NITRAGIN is an approved, moist humus culture—tested and guaranteed—easy to apply—packed with Billions of fresh legume bacteria. Its high quality makes Nitragin inoculation an excellent crop insurance. Directions on every can.

NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA, all CLOVERS		LESPEDEZA Hulled or Unhulled	
Size	Retail	Size	Retail
1/2 bu. ea.....	.30	Small (Inoculates	
1 bu. ea.....	.50	up to 50 lb. seed) .	.35
2 1/2 bu. ea.....	1.00	Large (Inoculates	
		up to 100 lb. seed) .	.50
PEAS (All Varieties)		SOYBEANS, LIMA BEANS,	
VETCHES (All Varieties)		COW PEAS and PEANUTS	
1/2 bu. ea.....	.25	Small (Inoculates	
1 bu. ea.....	.35	up to 120 lb. seed) .	.30
1 1/2 bu. ea.....	.50	5 bu. ea.....	.55
12 1/2 bu. ea.....	3.50	25 bu. one can) ea.	2.50
		30 bu. (one ctn.) ea.	3.25
BEANS		GARDEN SIZE	
String, Wax, Kidney		Garden Peas and Beans	
1/2 bu. ea.....	.25	Sweet Peas and Lupines	
1 bu. ea.....	.35	Enough for 6 lbs. seed	
1 1/2 bu. ea.....	.50	Retail Price 10c each.	

NITRAGIN—Oldest and Most Widely Used Inoculator in America

Make More Money - Plant Quality Seed Grains



Rust resistance, high yielding ability, good milling qualities make Thatcher Wheat outstanding.

Wheat, Oats and Flax Damaged by Leaf Rust and Wet Weather in 1941

Constant rains during the '41 harvest in vast areas of northern Minnesota and North Dakota delayed threshing and heavily damaged grains. Flax damage alone ran as high as 50% in some sections. Much of the threshed grain was binned with high moisture content, which is especially dangerous in the case of flax, due to possible formation of deadly hydrocyanic acid.

Wheat and barley suffered from scab and the worst leaf rust epidemic in years ruined much wheat and oats, causing poor yields and shriveled grain.

Prevent some of this loss by growing new, disease-resistant strains such as Rival Wheat, Boone and Marion Oats, etc.

Our seed stocks were harvested under ideal conditions in our southern Minnesota growing areas. We have plump, fine quality, high yielding seed stocks—BUT, order early to insure your wants and avoid disappointment. Due to this extensive crop damage, quality seed stocks will be in demand.

Leading Wheat Varieties for the Northwest

Improved THATCHER WHEAT

We now offer the Improved Thatcher spring wheat just released by the Minn. Experiment Station. The original Thatcher contained a slight mixture of a bearded variety, but constant breeding and selection have eliminated this impurity and all the Thatcher seed we now offer will be of this new pure strain.

Thatcher Rust-Resistant Wheat holds first place in Minnesota. It's a beardless, hard, red spring wheat of very high yield, very stiff straw, highly resistant to stem rust, and of finest milling and baking quality.

Many new rust-resistant wheats have appeared recently but after thorough tests by Minnesota's Experiment Station, Thatcher is still recommended as the best rust-resistant wheat for Minnesota. It's been tested for a number of years by the Station and the Milling and Baking Industries and it's the only rust-resistant wheat recommended by the Minnesota Crop Improvement Association.

Thatcher Wheat was developed by the Experiment Station in cooperation with the U. S. Dept. of Agriculture from a double cross of (Marquis x Quimillo) x (Kanred x Marquis).

For Prices: See Blue Figure Price List.

RENOWN SPRING WHEAT

The Canadian Rust Research Laboratory developed this hard, red spring wheat from a cross of H-44 x Reward. Renown is resistant to stem rust and more resistant to leaf rust than Thatcher. It usually yields less than Thatcher, except during seasons or in localities where LEAF rust is heavy. Renown is higher in bushel weight and of better kernel appearance, but not so desirable as Thatcher in milling and baking quality. Approved by American Society of Agronomy.

For Prices: See Blue Figure Price List.

New RIVAL Spring WHEAT

Developed from crossing Ceres and Hope-Florence at North Dakota's Experiment Station. A bearded, midseason, high-yielding hard red spring wheat. Plant is midtall, and the hard kernels are quite large. Resistant to stem and leaf rust, bunt and loose smut. Rival has a higher bushel weight than Thatcher and equals Thatcher in milling and baking quality. Recommended for southern Minnesota by Minn. Exp. Station because its high resistance to leaf rust makes it yield heavily, and spring wheat fits well in the rotation. Approved by American Society of Agronomy.

New MARMIN Winter WHEAT

This new bearded winter wheat with better milling quality has just been released by Minn. Experiment Station. It's a selection from a cross of Marquis (spring) and Minturki (winter wheat). New Marmin combines all the desirable qualities of each. It equals Minturki in yield, rust resistance and winter hardiness. It surpasses Minturki in bushel weight, hardness of grain, and crumb color of bread. Because of this better milling quality and greater bushel weight, Marmin will probably grade higher on the market. Approved by American Society of Agronomy. Write for prices available in August.

MINTURKI WINTER WHEAT

Minturki is the outstanding hardy winter wheat. It is a high yielding bearded hard red winter variety of high milling and baking quality and good protein content. It is stiff strawed and stands up well on rich land.

For Prices: See Blue Figure Price List.

The Best Rye Varieties

SPRING RYE

Spring Rye should be sown more extensively. It is a great land cleaner, and for summer pasture, is much superior to winter rye. It can be grown on light and sandy soil, on land too poor for wheat, and does equally well on acid and non-acid soils. Sow 1½ to 2 bu. per acre. For Prices: See Blue Figure Price List.

New Imperial Winter Rye

This new hardy, high yielding Winter Rye was developed by selection at the Wisconsin Experiment Station. (Wis. Ped. No. 6). It differs from the older pedigree strains in being pure for colorless seed and is often called "white rye." The five-year average yield for this excellent variety at the Waseca Experiment Station is 47 bu. per acre—a most outstanding record of performance. It is well adapted for all regions of Minnesota and the Northwest and has been so superior in performance that it has been placed on the recommended list by the Minnesota Experiment Station.

Our seed stocks will not be available until fall. Your inquiry now will be quoted on in time for fall planting.

ROSEN WINTER RYE

Rosen became popular because of its excellent yielding ability and milling qualities. It produces large well-filled heads and large dark green kernels. Sow 1½ to 2 bu. per acre.

Rosen rye is more hardy than the hardest Winter Wheat. The straw is medium tall and stiff, which keeps the grain from being easily lodged. The variety has produced as much as 40 to 50 bushels per acre. Write for prices in time for fall planting, about the middle of August.

Treat Seed Grains to Prevent Smut

All seed grains including wheat, barley, oats, rye and flax are susceptible to smuts of various kinds which reduce the yields from 10% to 50% in many instances. Some varieties are attacked more vigorously than others, but no matter how susceptible the variety may be to smut, it can be controlled almost entirely by simple methods. Formaldehyde and Copper-carbonate have been used extensively in the past for treating smut in grains, with only fair to good results.

The Best Treatment To Use Is New Improved Ceresan

New improved Ceresan is a dust treatment—no wet, swollen grain to handle. It may be applied with a regular seed

treating machine or with a scoop shovel. A measuring spoon will be found in each can.

The grain produced has a higher market value because it is free from smut. Only one-half ounce of New Improved Ceresan is needed per bu. of seed. It is quickly and easily applied as a dust by use of a rotary seed treating machine or by the shovel method. After treating, the seed should be stored in a pile or in sacks for 24 hours before planting.

New Improved Ceresan controls stinking smut of wheat, loose and covered smut of oats, black loose smut and stripe in barley. Ceresan is inexpensive, costing only about 2c per bu. of seed. This is the lowest cost of any seed treatment on the market. By using New Improved Ceresan you may increase the yield of grain by 10% to 20% or more.



Improved Ceresan: 4 oz. (treats 8 bu. of seed grains), 30c, 1-lb. tin 85c, postpaid; not prepaid, 5-lb. tin \$3.40.

Good Seed Grains, When Treated with Ceresan, Produce Larger Yields

Get a Premium
on the Market with

BETTER MALTING BARLEY



Grow these outstanding Malting Barleys and get a premium over the market.

Quality Northern Grown Seed Barley Pays

W. W. Brookins, Assistant Extension Agronomist of the University of Minnesota, has conducted barley institutes throughout the country and has done some outstanding work in developing higher quality barley for malting purposes.

Good malting barley must be mellow and not hard or flinty. The seed must be plump, well matured, uniform in size and of a bright, creamy ripe color. Barley which contains mixtures of oats, wheat and other varieties of barley or other materials difficult to remove, cannot qualify as malting barley. The seed must be free from blight, scab and ergot as well as badly weathered kernels. Damage in harvesting, threshing and storing the crop may result in broken skinned or heat damaged kernels.

We feature outstanding registered varieties such as Wisconsin No. 38, Velvet, and Peatland which are highly recommended by the maltsters.

It pays to buy pure, high quality seed, because the small additional cost will be more than offset by the extra premium at the market and lowered unit cost of production.

Barley is also a good feed crop and is well suited to a good rotation. High quality seed stocks of barley are scarce this year, and we strongly urge our farmer friends to order early, while the supply lasts.

See Blue Figure Price List in front of Catalog for lowest direct-to-you prices. Don't overlook ordering Ceresan for your seed Barley. See Below.

WISCONSIN BARBLESS (WIS. 38)—Registered

Very popular in the north central barley producing area of the U. S. and widely known as "Wisconsin 38." Developed by Wis. Exp. Station as a selection from a cross of Oederbrucker and Lion. It is six rowed, smooth awned, with excellent white kernels of splendid malting quality. High resistance to barley stripe and spot blotch and a very good yielder. It matures 4 to 5 days later than Oederbrucker. The ten year average yield of Wis. Barbless was 33½ bu. per acre compared with 27 bu. per acre for Oederbrucker. Approved by American Society of Agronomy in 1940. Our quality seed stocks this year were produced from new, pure foundation stocks only one generation removed from hot water treatment.

OUTSTANDING CHARACTERISTICS:

First—Smooth-bearded. Makes barley easy to handle and has stimulated barley production.

Second—Resistance to hot weather. Appears able to stand more heat. It matures a few days later than Glabron and Velvet; but its resistance to hot weather and its long, stiff straw enable it to stand up and develop larger kernels than earlier varieties.

Third—Yields heavily. Wisconsin Barbless has produced as high as 70 bushels per acre. In Wisconsin tests, it has always outyielded any common barley grown in comparison with it.

Fourth—Finest for malting. Wisconsin Barbless Barley is greatly desired by the manufacturers of malt and will command a premium on the market. See Blue Figure Price List.

Treat Seed Barley with Ceresan

Use this dust treatment on seed to reduce seed-borne diseases, step-up your yield, increase your profit. Experiment Station tests by most important grain states prove its power against covered smut, black loose smut and stripe. Average yield increase in tests, 6%. May be applied as long as 3 months before sowing. Easy to use, inexpensive, doesn't damage drill or retard drilling rate. Use it this year, not only on barley but also on wheat and oats. One pound treats 32 bu. Price: 4 oz. 30c. 1 lb. 85c, postpaid; not prepaid, 5 lbs. \$3.40. Free pamphlet. May be mailed. See page 65.

PEATLAND BARLEY —Registered

A rough-awned barley, well adapted to peat soils and yielding well on mineral soils and land that is too rich to grow other barley varieties. It is particularly adapted to northern Minnesota, especially the regions around Grand Rapids.

Classified as a satisfactory malting barley, Peatland is highly resistant to scab and may be grown in regions where scab is a serious problem and produce a good malting barley. It is resistant also to spot blotch and stem rust diseases, but is susceptible to stripe disease which may be controlled by treating with Ceresan.

For Prices see Blue Figure Price List.

VELVET BARLEY

Minnesota No. 447—Registered

The demand for Velvet Barley has been steadily increasing each year since its introduction. If you have not tried this outstanding variety, we suggest that you get started with it this year, for it is one of the best smooth-bearded varieties now being grown.

Velvet originated from a cross between Luth, a rough-awned, six-rowed barley of the Manchurian type and a smooth-awned variety. It is a most excellent yielder, producing as much grain as Manchuria. The straw is quite stiff, the lodging percentage being no greater than that of other stiff-strawed varieties. Velvet appears to be more disease resistant than other varieties. With its smooth beards or awns, Velvet has a very distinct advantage over the rough-awned types since it has no barb that will stick in the clothing or get into the flesh. Therefore, it can be handled much more easily.

Velvet is in great demand by the manufacturers of malt and there is every indication that the limited supply of this variety will be quickly exhausted before planting time.

Once you try Velvet or other smooth-bearded varieties, you will not want to change back to the rough types. We offer Velvet Barley Seed, registered by the Minnesota Crop Improvement Association which gives you assurance of obtaining the true variety of the very highest purity. See Blue Figure Price List.

Buckwheat

An excellent catch crop, which may be sown after harvesting winter wheat or rye or on newly broken ground. Its greatest value lies in the fact that it is the best and surest means of getting rid of quack grass.

JAPANESE—Large kenneled, dark brown and early. It is very productive, and an excellent feed for cattle and hogs. Sow from June 1 to July 1, 3 pecks to the acre.

SILVER HULL—A thin shelled buckwheat, with silvery grey kernels of medium size, very sound. Silver Hull is a prolific grower and heavy yielder, and makes fine buckwheat flour. Excellent for bees.

See Blue Figure Price List.

Speltz or Emmer

A valuable grain belonging to the wheat family. Kernels are tightly enclosed in hulls which adhere at threshing. Speltz has a feeding value equal to oats, and only slightly less than barley and corn. It is extremely rust resistant, and will not lodge like other grains, because of its stiff heavy straw. Speltz can be grown on many kinds of soil, rich or poor, throughout Minnesota, Iowa, Wisconsin, and the Dakotas.

Speltz makes wonderful feed and is especially fine for hogs and poultry. Sow 1½-2 bushels per acre, adjusting the drill the same as for oats.

Dec. 15, 1941

F. S. & N. Co.,
Faribault, Minn.

I have had several more farmer neighbors ask me to order for them and some are sending their own orders. One neighbor planted one field with your seed, Minihybrid 702, and another field with hybrid purchased from the local elevator. He said he lost \$500.00 by not using all Farmer Seed & Nursery Co. seed.

D. A. Cox,
Beach, North Dakota.

Best Early Oats for the North

GOPHER OATS

Gopher is a white, early maturing variety with straw so stiff and strong that it does not lodge even on well-manured farm land. It is also adapted for growing on peat land. It is without any question the best oats for the rich dairy farms of southern Minnesota, Iowa and Wisconsin and unequalled for sowing with clover and alfalfa as a nurse crop.

This variety was developed by the Minnesota Experiment Station and has become widespread throughout the Northwest. Excellent reports, not only from Minnesota but from North and South Dakota, Wisconsin and Iowa, show that Gopher is still leading in yield, earliness and stiffness of straw.

The oat crop in many sections was very light, having been damaged by adverse weather conditions and the demand for seed will be quite great. Our stocks of high quality certified seed oats are reasonably large, especially the Gopher variety but with the strong demand may not last long. For Prices: See Blue Figure Price List.

NEW BOONE OATS

Boone originated from a cross of Victoria and Richland and was developed co-operatively by the Iowa Agricultural Experiment Station and the U. S. Dept. of Agriculture. An early yellow common oat with short stiff straw like that of the Richland parent. Outstanding characters are: early maturity, high yield, and quality, and high resistance to nearly all races of stem rust, crown rust, and the smuts of oats. Approved for Registration by the American Society of Agronomy in 1939.

NEW MARION OATS

A selection from a cross of Markton and Rainbow. Developed by the Iowa Agricultural Experiment Station and the U. S. Dept. of Agriculture. Marion is an early white common oat with midtall to tall plants, and stiff straw, and plump kernels. Outstanding characters are: early maturity, high yield, and high test weight, with kernels of the best type for milling and for feed. It also has stiff straw, and splendid resistance to stem rust, smut, and certain races of crown rust. Approved by American Society of Agronomy. Commercial millers and cereal manufacturers pay a premium for this new variety because of its excellent kernel type.

IOGOLD OATS

The necessary requirements for any variety of grain are yield, stiffness of straw (resistance to lodging), rust resistance and early maturity. Iogold Oats includes all of these which makes it such an outstanding variety. We have only a fair supply of high quality seed.

Iogold Oats produces heads that are spreading, erect, cream colored and very uniform. The kernels are golden yellow and larger than Iowa No. 105. The straw is coarser than Kherson and is stiffer than any other variety produced by the Iowa Experiment Station. The plants grow about three inches taller than Iowa No. 105 and ripen about the same time.

For Prices: See Blue Figure Price List.

NEW IOWA SELECT NO. 52

This new variety of oats was developed from a plant selection of Iowa 105, at the Iowa Experiment Station. It has the outstanding characteristics of a fine quality oat—namely, lodging resistance through stiffness of straw, rust resistance, early maturity and high yields. An open-panicked oat with excellent quality yellow grain, fairly thin hull, and especially fine for feeding young pigs. It is recommended for sections in southern Minnesota and Iowa where an early maturing variety is desired. See Blue Figure Price List.

Treat Seed Oats—use Ceresan

Controls smut, improves your stand—producing bigger, cleaner yields. Highly recommended. Easy to apply—also used for wheat and barley. One pound treats 32 bushels.

Price: 4 oz. 30c; 1 lb. 85c, prepaid. See page 65.



NEW HULLESS OATS "NAKOTA"

Minnesota Accessory No. 741

Nakota Hulless Oats was developed by the South Dakota Experiment Station from a double cross (Markton x Richland) x (Swedish Select x Kilby). It is early maturing, and just a day or two later than Gopher, and very resistant to stem rust, also immune to smut. The yield compares favorably with the standard hulled varieties when allowance of 30% is made for weight of hulls. After thorough testing it was placed on the recommended list of the Minnesota Experiment Station.

Hulless Oats are very popular for feeding young pigs and poultry.

In many seasons, due to adverse weather conditions, crops of oats have been very light in weight. Light oats have a high percentage of hulls and therefore lots of fibre which has little value for feeding pigs. Hulled oats make an excellent feed for little pigs and about 165 lbs. of fairly heavy whole oats will make 100 lbs. of hulled oats.

The recommended rate of seeding is about 50 lbs. per acre, as this variety stools very heavily. Order early. Prices: Lb., 35c; 5 lbs. \$1.00, ppd. See Blue Figure List.



New Marion Oats brings a premium on the market.

Midseason and Late Varieties

MINRUS OATS

Rust Resistant—Registered

Minrus matures about half way between Gopher and Anthony; produces white glumes and has a spreading panicle. It is about equal in height and stiffness of straw to Anthony and is highly resistant to black stem rust. It was produced by the Minnesota Experiment Station from a cross of Minota and White Russian.

Observations to date indicate that Minrus will outyield Gopher Oats on any ground except the very richest. Gopher Oats should be used on the rich soils as it is more able to resist lodging under those conditions. Minrus should be very popular on lighter soils where Gopher Oats does not get tall enough to handle well.

Minrus may be grown with varieties of spring wheat as succotash as it is a few days later than Gopher. Minrus has already met with great favor wherever tried. For prices, see Blue Figure List.

NEW RUSOTA OATS

Minnesota Accessory No. 708

This outstanding rust resistant variety of oats was developed by the North Dakota Experiment Station as a plant selection from Green Russian. It was thoroughly tested and is on the recommended list of the Minnesota Experiment Station. Rusota has outyielded all other varieties in trials at the Northwest Station at Crookston, Minnesota.

Rusota Oats is a midseason variety maturing about the same time as Anthony, is open paniced, and produces white kernelled grain, medium large in size. This variety compares favorably in plant height with Anthony Oats.

We especially recommend this high yielding, stiff strawed, rust resistant variety for those sections where a medium maturing variety is desired and where the early varieties do not seem to give the best results. Supply limited. See Blue Figure Price List.

VANGUARD OATS

Now Recommended by
Minn. Exp. Station for
Northwestern Minn.

Produced by the Dominion Rust Research Laboratory, Winnipeg, Manitoba, as a selection from the cross of Hajira and Banner. A midseason, open-panicked white grain variety. Outstanding characters are: high yield, stiff straw, and resistance to black stem rust. Placed on the recommended list in 1941 by the Minnesota Experiment Station, and recommended for Northwestern Minnesota, and other similar territories.

SEE BLUE FIGURE PRICE LIST in front of Catalog for prices on all farm seeds.

Wheat and Oats Profitable Combination Crop

A profitable practice is to grow oats and wheat in combination. Yields of 50 to 60 bu. of oats and 20 to 30 bu. of wheat per acre have been reported. A combination crop returns more profit per acre than either wheat or oats separately. Use 1½ bu. of oats and ¾ bu. of wheat per acre. Thatcher grown with Minrus or Anthony Oats gives the best results as they ripen about the same time. Other good combination crops are barley with early oats, wheat with flax.

HYBRID SEED CORN

MINNESOTA
GROWN

New MINHYBRIDS for 1942

Extra Early

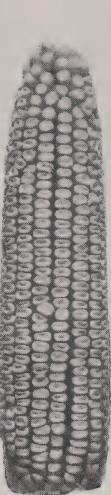
★NEW MINHYBRID 800

(Maturity 85)

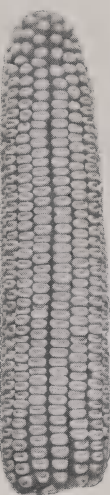
A pure yellow dent hybrid, maturing even earlier than Haney's 13 and carries less moisture at harvest than old "mixed yellow & white" Minhybrid 102. 800 produces surprising crops of sound, bright yellow ears in the Northern-most corn growing sections of Minn., Wis., and S. Dak. It resists disease and stands up stubbornly in wind and hail. It's a double hybrid of new lines from Minn., 13, Northwestern, Reed's and Osterlund Yellow, and Rustler White Dent.



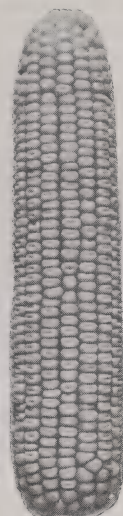
NEW
MINHYBRID
800
(Matur. 85)



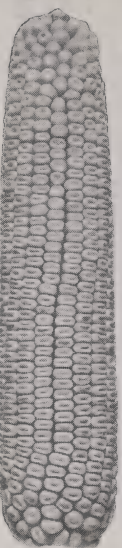
NEW
MINHYBRID
702
(Matur. 92)



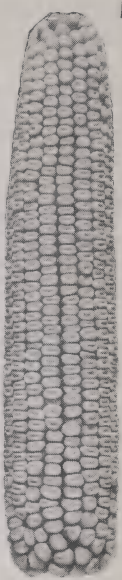
NEW
MINHYBRID
601
(Matur. 99)



NEW
MINHYBRID
500
(Matur. 106)



IMPROVED
MINHYBRID
301
(Matur. 107)



MINHYBRID
403
(Matur. 110)



NEW
MINHYBRID
404
(Matur. 113)

★NEW MINHYBRID 700 (Maturity 92)

Amazing standing ability and freedom from smut proved in Official Minn. Yield Trials. Matures with Haney's 13 and Minhybrid 402. It equals 402 in yield but is pure yellow and you'll find less "down corn." Highly profitable for main crop in Northern sections of Minn., Wis., Mich., S. Dak., and Eastern N. Dak. It's valuable for early "hogging off" in more Southern sections. The result of "Pedigree Breeding" new female lines from Minn., 13, Osterlund Yellow and Rustler White Dent. Male inbreds out of Minn. 13.

★NEW MINHYBRID 702 (Maturity 92)

A brand new pure yellow dent hybrid with a yield equal to 402 although 702 matures slightly earlier. Its unusual standing ability and absence of broken stalks won fame in Official Yield Trials. A "money-maker" in Northern sections—its ears are sound and free from disease. It's a double hybrid of pedigree lines from Minn., 13, N. W. Reed's and Osterlund Yellow, and Rustler White Dent.

Medium Early

★NEW MINHYBRID 601 (Maturity 99)

Farmers who like the performance of the Old Minhybrid 401 will like these new Minhybrids in the 600 series. They are pure yellow hybrids in the "401 and Central 13" maturity group. 601 will prove a favorite with farmers in the vast central and North central regions of Minn., Wis., S. Dak., and Mich., for main crop and in more southern sections for early "hogging off." It stands despite wind, rain and hail, grows rapidly, resists smut and produces an abundance of early ripe corn in these treacherous central areas, before the first killing frost.

★NEW MINHYBRID 602 (Maturity 99)

Here's the record yielder in the 100-day group. It matures between 401 and 301 and even though it's earlier, it still outyields 301. New 602 is a pure yellow double hybrid of Pedigree lines from Silver King, Reed's Yellow and Rustler White Dents, Golden King and U. S. 153R1. Plants are remarkably free from smut and stand up stubbornly. Ears are bright, sound and free from ear rots. Kernels tend to have light yellow caps.

Medium Early (Con't.)

★NEW MINHYBRID 603 (Maturity 99)

Another new all yellow Minhybrid in the 401 maturity group. Developed at Minnesota's Experiment Station by a slightly different combination of the same parent strains in 602. This excellent hybrid is very similar to 602 in maturity, yield, and other characteristics. These six hundred series Minhybrids are well suited to either hand or mechanical picking.

Medium Late

★NEW MINHYBRID 500 (Maturity 106)

Here's what Minnesota farmers in vast areas east and west of the Twin Cities have long awaited. The 500 series provides ideal, pure yellow hybrids that ripen after the old 401 and ahead of 301. Proven in Minnesota Yield Trials, 500 can be depended upon to produce bumper crops of REAL SOFTEND, RIPE, YELLOW corn of highest market quality year after year, in the upper fringe of Minnesota's southwestern Corn Belt. It's ideal in similar latitudes of Wis., S. Dak., and Mich. Wonderful standing ability and surprisingly free from smut.

★NEW MINHYBRID 501 (Maturity 106)

On the early end of the 500 series, new 501 matures slightly ahead of 500 and 502. Ears have remarkable deep yellow color, very sound and free from disease and like all new Minnesota releases, it ranks very high in stubborn standing ability, yield and absence of smut. The result of combining new Wisconsin inbreds and lines from Minn., 13, Rustler White and Osterlund's Yellow Dents.

★NEW MINHYBRID 502 (Maturity 106)

Farmers who liked the old Murdock type will appreciate 502. Ears are similar to Murdock in length and number of rows. However, it has the typical Minhybrid standing ability and absence of smut. Ears are exceptionally sound and free from ear rot. Although it ripens somewhat earlier, 501 equals 301 in yield. It's a double hybrid of lines from Rustler White & Reed's Yellow Dents, Golden & Silver King, and U. S. 153R1.

Medium Late (Con't.)

IMPROVED MINHYBRID 301

(Maturity 107)

It's the Experiment Station's NEW MODEL of the dependable old veteran, 301. The improved strain has better purity, less smut and less "down corn," and as a result somewhat better yields. These improvements will make 301 an even greater favorite with thousands of Southern Minn., Wis., and S. Dak. farmers who DEPEND on it for MARKETABLE CORN with low moisture at harvest.

Late Minhybrids

MINHYBRID 403 (Maturity 110)

Minnesota's most popular hybrid in the southern part of the state. It produces long, smooth dent, 16 to 20-rowed ears of high quality yellow grain, with low moisture at harvest. It matures with Golden Jewel, Earl, Murdock and Silver King and has produced outstanding yields, COMBINED with SAFE MATURITY in adapted sections of Minn., Wis., and S. Dak. The heavy ears shell out well and make top market grade, low in moisture.

★NEW MINHYBRID 404 (Maturity 113)

You'll be proud of your field of this brand new Minhybrid. Plants grow taller than 403 and the extreme evenness of plant height combined with their rigid straightness, gives the 404 field a pleasing, "table top" appearance. It ripens slightly later, and yields heavier than 403. It remains upright with great sturdiness, and smut and ear rots are absent. A pure yellow hybrid of inbreds from Golden King, Reed's Yellow and Rustler White Dents.

★NEW MINHYBRID 405 (Maturity 113)

Similar to 404 in yield, maturity, performance, plant and ear characteristics. (Differs from 404 in only one parental inbred line.) Gives Southern Minn. farmers the late maturing type they admire in Iowa and Illinois hybrids. Yet 405 can be recommended by Minn. Exp. Station because of low moisture at harvest—making quality corn that grades well on the market or is promptly eligible for sealing.

★★ MASTER FARMER HYBRIDS for 1942 ★★

At last we can offer MASTER FARMER HYBRIDS developed by our plant breeders, in sufficient quantity to supply at least 50% of the demand. Master Farmer Hybrids feature extra deep kernels and outstanding performance in yield, quality, standing ability, and low moisture at harvest, proven in Official Minn. Yield Trials.

Extra Early

MASTER HYBRID F20 (Maturity 85)

The earliest yellow dent corn hybrid in the U. S. according to Official State Yield Tests! Formerly offered as Master No. 4, this strain has unusual resistance to cold injury, and stubborn standing ability. 20% more corn than open pollinated varieties of similar maturity. The bright yellow 8-inch ears are sound and free from ear rots.

Medium Early

MASTER HYBRID F60 (Maturity 99)

Tests show 32% greater yield from this brand new Master Hybrid, over open pollinated kinds, ripening at the same time! A vigorous grower, with very deep green foliage on stiff, straight plants. The sound, rich yellow ears are borne on short shanks, ideal for machine picking.

(See Blue Figure Price List.)

MASTER HYBRID SILO CORN

Feeding tests at Wisconsin's Experiment Station proved that Hybrid Corn is far better for silage than open pollinated kinds. There has been criticism on the hardness of Hybrid Corn for silage. However, this impression was due to the more even ripening of the hybrids.

Master Hybrid Silo Corn is a vigorous grower, and the stalks remain green long after the ears are ripe, thus making better quality silage. Modern feeders and dairymen prefer it for silage and grain because it always feeds out better. It's easy to cut and handle because it stands straight and does away with the tiresome job of cutting silo corn that's down flat and all tangled up. It yields heavily, grows tall and produces an abundance of leafy stalks as well as large, heavily filled ears. Be sure to try MASTER Hybrid Silo Corn! Maturity 110.

See COLOR PHOTO on back cover.

Medium Late

MASTER HYBRID F80 (Maturity 106)

A veteran performer in Minn. State Yield Trials (formerly listed as Master No. 2). Previously classed as a 110-day hybrid, its ability to dry out rapidly in fall, and show low moisture at harvest have earned it a 106 relative maturity ranking. F80's tremendous yields, extra deep, golden kernels, and rough soft dent, have made it very popular with feeders.

MASTER HYBRID F81 (Maturity 106)

A remarkable performer in Official State Yield Tests, this new, pure yellow, double hybrid excels in standing ability, freedom from smut, broken stalks, ear and stalk rots. Ears 8 inches long with 16 rows of deep, rich yellow kernels, high in feeding value. Short shanks make picking easy by hand or machine.

OUR HYBRIDS NOT SOLD
THRU AGENTS!

SAVE \$1 TO \$2 PER BUSHEL

See Blue Figure Price List

Late Master Hybrids

MASTER HYBRID F100 (Maturity 110)

25% greater yield than open pollinated check varieties! This new pure yellow dent Hybrid makes a striking field picture with unusual deep green plants, all of even height, standing like trees! The rough dent, extra deep kernels, with medium soft starch, makes F100 a feed lot favorite.

(See Blue Figure Price List.)

WISCONSIN HYBRIDS (NEXT PAGE)

HYBRID PLANTING GUIDE

FOR MINNESOTA

ZONE A		ZONE C	
Improved	301	Minhybrid	601
Minhybrid	403	Minhybrid	602
Minhybrid	404	Minhybrid	603
Minhybrid	405	Master	F60
Master	F80	Wisconsin	460
Master	F100		
Wisconsin	525		
Wisconsin	606		
ZONE B		ZONE D	
Improved	301	Minhybrid	700
Minhybrid	500	Minhybrid	702
Minhybrid	501	Master	F60
Minhybrid	502	Wisconsin	355
ZONE E		ZONE F	
Master	F80	Minhybrid	800
Master	F81	Minhybrid	801
Master	F80	Minhybrid	802
Wisconsin	525	Master	F80
		Wisconsin	525

FOR SOUTH DAKOTA

ZONE A		ZONE C	
Minhybrid	404	Continued	
Minhybrid	405	Minhybrid	601
Master	F100	Minhybrid	602
Wisconsin	606	Minhybrid	603
ZONE B		Master	F80
Improved	301	Master	F81
Minhybrid	403	Wisconsin	460
Minhybrid	404		
Minhybrid	405	ZONE D	
Master	F100	Minhybrid	700
Wisconsin	525	Minhybrid	702
Wisconsin	606	Master	F60
		Wisconsin	355
ZONE C		ZONE E	
Minhybrid	500	Minhybrid	800
Minhybrid	501	Master	F20
Minhybrid	502	Wisconsin	279

FOR NORTH DAKOTA

ZONE A*		Balance	
* (for south-east parts of Richland and Sargent Counties only)		ZONE A	
Minhybrid	602	Minhybrid	700
Minhybrid	603	Minhybrid	702
Master	F80	Wisconsin	279
Master	F81		
Wisconsin	460	ZONE B	
		Minhybrid	800
		Master	F20

FOR WISCONSIN

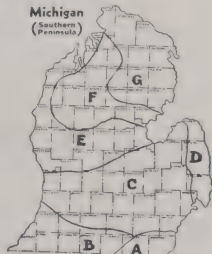
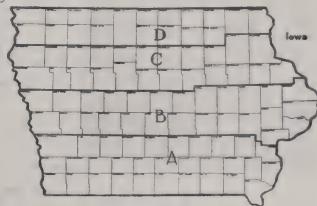
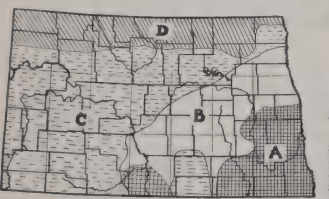
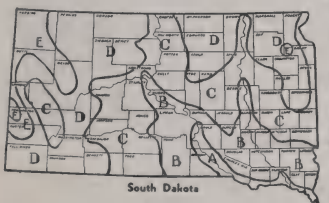
ZONE B		ZONE E	
Minhybrid	403	Minhybrid	601
Minhybrid	404	Minhybrid	602
Minhybrid	405	Minhybrid	603
		Wisconsin	460
ZONE C		ZONE F	
Improved	301	Minhybrid	601
Minhybrid	403	Minhybrid	602
Minhybrid	404	Minhybrid	603
Minhybrid	405	Minhybrid	603
Master	F80	Wisconsin	355
Wisconsin	606		
ZONE D		ZONE G	
Improved	301	Minhybrid	700
Minhybrid	500	Minhybrid	702
Minhybrid	501	Minhybrid	800
Minhybrid	502	Wisconsin	355
Master	F80		
Wisconsin	525	ZONE H	
		Minhybrid	800
		Master	F20
		Wisconsin	279

FOR IOWA

ZONE D	
Improved	301
Minhybrid	403
Minhybrid	404
Minhybrid	405
Master	F100
Wisconsin	606

FOR MICHIGAN

ZONES A-B		ZONES D-E	
Improved	301	Minhybrid	601
Minhybrid	403	Minhybrid	602
Minhybrid	404	Minhybrid	603
Minhybrid	405	Master	F60
Master	F100	Wisconsin	355
Wisconsin	606		
ZONE C		ZONE F	
Improved	301	Minhybrid	700
Minhybrid	403	Minhybrid	702
Minhybrid	500	Wisconsin	279
Minhybrid	501		
Minhybrid	502	ZONE G	
Master	F80	Minhybrid	800
Master	F81	Master	F20
Wisconsin	525		



WISCONSIN HYBRIDS Developed by WISCONSIN STATION

Here are the best performers developed by Wisconsin's Experiment Station for northern Corn Belt farms. The Wisconsin Hybrid Seed we offer is grown by us in Minnesota and gives splendid results in adapted sections. (See Planting Guide on page 69.)

WISCONSIN HYBRID 279 (Maturity 85)

A splendid extra-early, pure-yellow hybrid for northern sections and ideal for "hogging off" in more southern points. Matrices with Wis. 25 and Haney's 13. Has all the hybrid advantages of increased yields, greater standing ability and green stalks after corn is ripe.

WISCONSIN HYBRID 355 (Maturity 92)

Gives fine results in northern Minnesota and Wis., and profitable in central sections where early maturity is desired. It's a good producer with sturdy medium sized plants, carrying ears well filled with pure yellow kernels.

WISCONSIN HYBRID 460 (Maturity 100)

A fine yellow corn of remarkable standing ability and beautiful field appearance. Ripens with, but outyields Golden Glow and Central Minn. 13. Very popular in Central Minn. & Wis. where Minn. 301 has proved late.

WISCONSIN HYBRID 525 (Maturity 105)

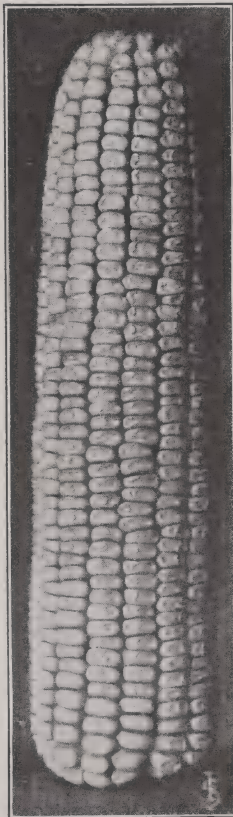
Very even maturity, plus good yields, stubborn standing ability and fine field appearance, makes this a favorite in many South Central Minn. & Wis. sections. The pure yellow corn is of finest quality.

WISCONSIN HYBRID 606 (Maturity 110)

A fine yellow dent hybrid for southern parts of Minn., Wis., S. Dak., and northern parts of Iowa, Ill., and Nebr. A little later than 301, it has unusual field appearance due to extreme evenness of its stiff, straight stalks. An extra high yielder.

Open Pollinated SEED CORN

MINNESOTA GROWN



GOLDEN JEWEL, Registered

Our own introduction, recommended by Minn. Exp. Station. Golden yellow, compact ears, 8-10 inches long, 16-20 rows of medium deep, slightly rough, square shouldered kernels on a small red cob. Grows 8-10 feet tall. Matrices in 110 to 112 days. Adapted to southern Minn., S. Dak., Iowa, southern Wis., northern Ill. (See Blue Price List.)

← GOLDEN KING, Registered

Grown in central and southern Minn. and northern Iowa for many years. Grows 8 feet tall, golden ears, medium deep kernels, 14-16 rows, 8-9 inches long. Recommended by Minn. Exp. Station. It ripens in 100 to 105 days (earlier than Golden Jewel) and shows less barren stalks than any open pollinated variety. (See Price List.)

EARLY MURDOCK, Registered

Similar to Golden Jewel, but with fewer rows. The kernels are medium deep with a wrinkled dent. Our strain is 5 to 10 days earlier than Golden Jewel and produces high yields of golden ears 8 to 9 1/2 inches long. Adapted to southern Minn., Wis., S. Dak., and parts of central Minn. and Wis. Matrices in 100 days. (See Price List.)

MINNESOTA IDEAL, Registered

A splendid large eared, yellow dent, heavy yielding corn which we introduced. It matures a few days later than Large Type 13. A strong vigorous root system and stiff stalks enable it to stand up well. An outstanding silage and fodder corn, producing more tons per acre than other varieties. (See Blue List.)

NORTHWESTERN DENT, Reg.

A cross of a red flint and a yellow dent, and has red kernels with light yellow shadings. Most popular in N. Dak., northern Minn., and Wis. Matrices in 80 to 85 days. (See Blue Price List.)

MINNESOTA 13, Registered Central Strain Minn. 13

This original strain of Minn. 13 is adapted to central Minn., Wis., and northern S. Dak., maturing about a week earlier than the Large Type, or in 95 to 100 days. (See Blue Price List.)

Early Haney's Strain Minn. 13

Adapted for northern Minn., Wis. and N. Dak. The earliest open pollinated yellow dent corn grown. 5-6 foot stalks. Matrices readily in northern areas under normal conditions and is very good for hogging off or early feeding in other sections. Matrices in 85 to 90 days. (See Price List.)

Ideal Silo Corn Reg. →

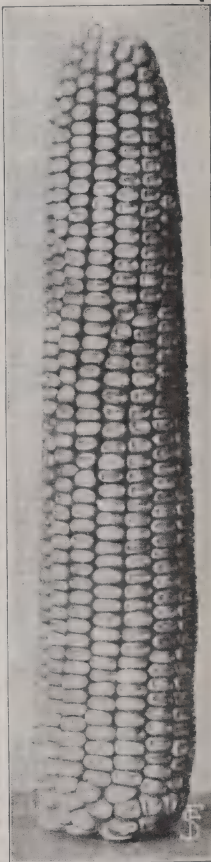
Registered and State Sealed

An Origination of the Farmer Seed & Nursery Company.

The greatest yielder of corn for fodder purposes, for feeding green, for ensilage, and for curing in the bundle. Gives largest tonnage in stalks and leaves—and well developed ears, that will make a balanced ration ensilage. Not coarse like southern fodder. Produces stalks 8 to 10 feet high, with broad thick leaves, making large quantities of high quality succulent fodder. Ears 8 to 10 inches long, with medium deep yellow kernels. Matrices in about 110 days. Fills silos with the usual acreage. Many have filled silos 12x30 with corn from four acres. (See Price List.)

Graino Hormone Powder

The new seed treatment you've read about, gives open pollinated seed corn greater growth vigor—like a hybrid! Also for all seed grains, dask, and vegetables. Experiment stations and growers report up to 200 per cent greater sugar beet yields! Faster growth—better stand—drouth resistance—greater vigor in poor soil! Just dust on seed—costs a few cents per acre. Trial pkg. (treats 1 bu. corn) 25c, 5-bu. size \$1.00 ppd. (For grass seed, ask for Grain-O MCP).



FLINT CORN VARIETIES

LONGFELLOW FLINT

Stalks average 7 1/2 feet and often bear two to three yellow ears. Matrices in 85 to 90 days and produces fine quality fodder as well as high yields of ears. (See Price List.)

CANADA SMUT NOSE FLINT

Stalks average 7 feet and often bear two to three ears, 10 to 15 inches long. Kernels are yellow, blazed with red at tips. Ripens in 90 to 95 days. Popular for hogging corn, and grown for silage and fodder in the North. (See Price List.)

RAINBOW FLINT

Larger and later than other Flints, maturing in 100 to 110 days or with medium early dent varieties. Therefore produces a large crop of ripe corn in southern Minn., Wis., and S. Dak. Kernels exhibit a wide range of color. Produces very high yields of high quality fodder and ears 10 to 12 inches long. (See Price List.)

EVERGREEN SWEET FODDER CORN

Earliest Green Bundle Feed, Dairyman's Life-saver.

Produces 4 to 5 tons of sweet, juicy, nutritious feed per acre, with remarkable increase in milk production—a vigorous grower, and at low seed cost. Livestock thrive on it and make rapid gains. 9 to 10-foot stalks are sweet, tender, juicy and nutritious with an abundance of large, broad leaves. Large 16 to 20-rowed ears have white kernels. (48 lbs. per bu.) Plant 15 to 20 lbs. per acre. (See Price List.)



Seed Corn Treatment.

Price: 1 1/2-oz. packet (for 1 bu. seed), 15c prepaid. Not prepaid, 1 lb. tin (60-acre size) 75c, 5-lb. tin \$3.00.



WANTED: More Flax!

A Critical War Material!

Minneapolis Linseed Plants produce enough linseed oil daily to paint four of Uncle Sam's Battle Cruisers, 1,200 Douglas Bombers and thousands of shells. Local crushing mills are working 24-hour days under huge defense loads as Army and Navy call for more paint!

Linseed Oil is the chief ingredient of paint and practically every defense item receives a coat of paint somewhere in its manufacture. On battleships, this paint goes on constantly to prevent damage from salt water corrosion. Arms Manufacturing Plants are also heavy paint users, painting each shell case inside, and two coats outside before loading. The War Department has declared Flax Seed a critical war material, calling upon the industry to produce more oil and paint to meet the requirements of war time economy.

Now flax straw is also a profitmaker for flax growers. The demand for flax straw for making cigarette paper boomed over night, with the fall of France and the British Sea Blockade, which cut the country off from its supply.

There is a tremendous demand for our quality rust and wilt resistant seed stocks. Order Early!

HARDY FLAX VARIETIES

See color photo on back cover.

Order early while supplies are available.

In the past, Flax was considered more as a catch crop, to be planted when conditions for other crops were unsatisfactory, or after all other crops were sown. This is a very poor procedure, for Flax does best in moderately warm weather and if planted too late is usually greatly affected by heat and drought.

To obtain large crops, sow early right after rains are planted, up to about the middle of May. The earlier that Flax is sown, the better able the plant will be to withstand wilt and other diseases. Treat seed with Ceresan—Page 65.

Sow Flax at the rate of 28 to 42 lbs. per acre, depending upon the size of the seed and the condition of the soil. The smaller seeded varieties such as Red Wing are seeded at the rate of 28 to 35 lbs. per acre, or slightly more if the land is somewhat weedy. Bison at about 35 to 42 lbs. per acre.

BISON—This variety comes from the North Dakota Experiment Station. It is a large seeded type both rust and wilt resistant and is exceptionally popular in the Dakotas, Minnesota and other points of the Northwest. It has already replaced many other varieties now being grown. From the yield standpoint it will produce about as much as Red Wing. Yields have been reported as high as 30 bushels per acre, but an average yield can be expected of about 20 bushels or more per acre. Price: 5 lbs., 75c, ppd. See Blue Figure Price List.

RED WING FLAX—Rust and wilt resistant. Like Bison Flax, Red Wing is outstanding for its resistance to rust and wilt. It was developed by the Minnesota Experiment Station and has proven a good yielder throughout the Northwest. The blossoms of Red Wing Flax are a lighter blue than the other varieties and the seed is somewhat lighter in color. Red Wing Flax is quite popular this season and we anticipate a good demand. Price: 5 lbs. 75c ppd. See Blue Figure Price List.

Ideal Flax Combination Crops

Legume—Grass—Flax Combination

As a nurse crop for Alfalfa, Clovers or Grasses, Flax has no equal, because it does not heavily shade the young forage plants and its sturdy stubble affords winter protection. The flax plants' open habit of growth and the presence of legumes and grasses in combination also aid in controlling weeds.

We recommend seeding a normal rate of Alfalfa, Red and Alsike Clover, Sweet Clover, Timothy, or other grasses with approximately one-half a normal seeding of flax per acre, or 14 to 15 lbs., so that the clover and grasses would not be smothered and a good stand secured.

A Clover or Grass Seed attachment to the grain drill may be used, sowing the seed ahead of the drill and covering it lightly with a harrow.

Wheat—Flax Combination

A combination of 15 to 20 lbs. of Flax and 45 lbs. of Seed Wheat per acre sown at the usual wheat seeding time has an advantage over flax alone, particularly in the control of such weeds as lamb's quarters and wild buckwheat. This early seeding which gives the wheat the best chance for development, provides the best conditions for the growth of the flax also.

Yields of 10 bushels of flax and 15 to 20 bushels of wheat are not uncommon, with a combined seeding. When threshed, they are easily separated with an ordinary fanning mill and can be sold at highest market value because the quality of the grain is usually very good. There is less danger of damage to either crop from disease or lodging when grown in combination.

RAPE FOR QUICK PASTURE

Rape is an annual forage plant of great value, profitable in all sections of the country. It can be grown to advantage on land which has already produced an early grain crop, like oats, rye, or winter wheat.

Rape provides excellent pasture for all kinds of livestock, cattle, hogs, and sheep. It can be sown at any time during spring or summer, so a good pasture can be had whenever it is needed. Rape will prepare sheep and hogs for market better and in less time than any other forage plant.

One acre is sufficient to pasture 12 to 15 sheep from six weeks to two months, and is the ideal pasture for weaning lambs. Spring pigs can easily be brought up to 200 lbs. in weight when six months old, if fed on rape. It is a mild succulent feed for cattle, and will not flavor the milk, if the cattle are pastured properly. Stock that is being fed on rape should always have access to salt.

Two pieces of land may be seeded at once, to be used alternately, pasturing one while the other is growing. Do not graze too closely. Rape makes a good fall pasture.

DWARF ESSEX RAPE—The commonly grown type that has produced the finest pastures for many years. 5 lbs. \$1.25, postpaid. See Blue Figure Price List.

Advantages in Sowing Rape

1. Grows wherever corn or turnips grow.
2. Provides pasture in 6 to 8 weeks' time.
3. The best forage plant for dry seasons, because of its strong, deep root system.
4. Plant alone or with grain, soy beans, Sudan Grass or cane.
5. Adds humus matter to soil when plowed under.
6. Its cheapness; sown broadcast, use 5 or 6 lbs., sown in rows, use only 3 lbs. per acre.



3 to 4 tons of Sudan hay from one cutting.

SUDAN GRASS GROWS QUICKLY

One of the best annual forage plants ever introduced, suitable for almost any locality. Sudan Grass thrives best on rich loam, but has been successfully grown on almost every kind of soil, from heavy clay to light sand. Cold, wet soils are not suited to Sudan Grass. Sudan Grass is a sorghum, and an annual, without underground root sprouts. It grows 4 to 5 feet high in drilled seedings, and 5 to 8 feet in cultivated rows.

DO NOT SOW SUDAN GRASS BEFORE CORN PLANTING TIME. Like corn, it is a warm weather crop.

In favorable seasons, the growing period is long, and several cuttings can be obtained in one season. For hay it is ready to cut in 60 to 75 days, when it is in full head. It continues its growth, and in 40 to 45 days it is ready for another cutting. If Sudan Grass is grown for seed, only one crop can be harvested.

Produces Quality Hay

Sudan Grass is an enormous yielder, producing 3 or 4 tons of hay at the first cutting. The second cutting is lighter, and the hay is much finer. Livestock of all kinds will eat the hay readily.

CULTURE—For a seed crop, sow 15 lbs. per acre, in drills, 15 to 20 inches apart. The crop should be harvested with a grain binder.

For hay, sow at the rate of 20 to 30 lbs. per acre, using a grain drill, and cover from one to one and one-half inches deep. Heavy seeding makes finer quality hay.

The hay crop is harvested with a regular mower, when the Sudan Grass is fully headed out. It can be cut in the morning, and if the sun is bright, it should be raked up in the afternoon of the next day. After bunching, it is placed in cocks, just the same as alfalfa. After it has been thoroughly cured, it is removed from the cocks to the barn, or stacked. Because of the large amount of juice in the stems of Sudan Grass, the leaves cure first and the hay often appears ready to stack, when it is not. Therefore the only sure way to avoid heating, is to allow Sudan Grass to remain in cocks long enough for the stems to become dry. The leaves are retained well, and if cut at the right stage will make a bright, leafy, sweet hay, of the very best quality.

Plant Legumes with Sudan

Sudan Grass grown with legumes, such as soy beans, makes a well-balanced mixture for pasture, ensilage and hay. Sudan Grass grows stiffly erect, with stems strong enough to support the vines and makes harvesting easier, by keeping them off the ground. It hastens curing, by preventing the beans rotting.

Sudan Grass and soy beans, planted together, make a good hog pasture. Sow 25 to 30 lbs. Sudan Grass and the same quantity of soy beans, to the acre, drilling in the seed with a grain drill. For quickest results, sow in rows 18 to 20 inches apart, and cultivate.

Prices: 5 lbs. 80c postpaid. See Blue Figure Price List.

SUDAN GRASS CIRCULAR FREE

Treat your Flax Seed with Ceresan for Best Results—See Page 65



Greatest Demand in History Predicted for 1942!

Adhesives, vital to defense industries and housing, were formerly obtained from Casein. However, Casein is a milk product and production is limited. A serious shortage is developing because of the increased demand for milk in edible form, under the Food For Defense Program and the Lease-Lend Act.

Now Department of Agriculture chemists find that Soy Bean protein can be substituted for Casein as an adhesive. It is estimated that 10,000 tons of Soy Bean protein will be required annually for this purpose alone, to make up for Casein shortages. This is three to four times the amount now being produced.

However, because of excessive moisture this fall, nearly all Soy Bean varieties have carried very high moisture content at harvest. Due to moisture, the Soy Bean takes on moisture readily and dries out very slowly. Consequently beans with high moisture content, cannot be binned without destroying germination, and a large percentage of the Soy Beans harvested, will be unfit for seed.

Our Soy Beans have been carefully grown and harvested. They contain less than 14% moisture. The germination is about 95% or better. Order your Soy Bean Seed early to obtain our finest quality, high germinating stocks, with low moisture content.

How To Grow Soy Beans

CULTURE. Soy Beans require about the same treatment as corn, and will grow on almost any kind of soil, shallow peat or sandy loam, and even ground containing too much alkali for corn. Do not plant Soy Beans too early, about corn planting time is right. Inoculate seed with Nitragin (page 64) and plant as follows:

1. In ordinary 6 in. rows with a grain drill, using 90 to 120 lbs. of beans per acre.
2. In 12 in. rows, using a grain drill and plugging up every other drill, using 80 to 90 lbs. per acre.
3. In 21 in. rows, using a corn planter with a bean attachment, the planter being set at the regular distance of 42 in. and the rows straddled. Plant about 70 to 75 lbs. of beans per acre.
4. Soy Beans may also be planted in rows 30, 36 and 42 in. apart and cultivated. Plant 35 to 45 lbs. of beans per acre.
5. Soy Beans may also be broadcast, using about 90 to 120 lbs. per acre.

Soy Beans for Seed

The seed crop is quite profitable. The seeds broken or split in threshing can be fed to livestock. For seed, the Soy Beans should be cut with a grain binder, while the dew is still on them, so they will not shatter. They can be threshed without much caring, if the seed is spread out so it cannot sprout in the bins. Soy Beans may be turned under in the fall, thereby enriching the soil and making it mellow and easily tillable.

EDIBLE SOY BEANS	Page 4
SOY BEAN FOODS	Page 77
SOY BEAN INOCULATION . . .	Page 64

Early Minnesota Manchus—a most profitable crop for Minnesota farms.

The Most Profitable Soy Bean Varieties! MANCHU

HABARO—Registered

Originated by the Minnesota Experiment Station.

Habaro is the most outstanding variety for Minnesota and the Northwest. When it became generally known that soybeans were such a profitable crop, there immediately was a demand for this variety.

Habaro is earlier than Manchu and will produce ripe beans anywhere in southern Minnesota and even in sections farther North, under good growing conditions. It is the highest yielding, yellow seeded soy bean variety, adapted to conditions such as we have in Minnesota.

Habaros stand up straight, are very leafy and produce a large tonnage of nutritious hay per acre. They may be easily cut with a grain or corn binder, and have a high oil content which makes them desired by the crushers. Habaros will produce 35 to 40 bushels of well matured beans per acre on good land under normal growing conditions. Price: 5 lbs. 80c, postpaid. See Blue Figure Price List.

MUKDEN

Mukdens mature a little earlier than Manchu and Illinois, grow upright and do not have a tendency to lodge. They are very leafy, produce a large tonnage of hay and a high yield of beans. The seed is yellow in color, resembling Manchu, but slightly smaller. In southeastern Minnesota and northern Iowa, Mukden is one of the most important varieties. Be sure to try this variety. Price: 5 lbs. 80c, postpaid. See Blue Figure Price List.

NEW RICHLAND SOY BEANS

(70509-2)

Distributed by the Purdue Agricultural Experiment Station. Maturing about the same as Habaro, or in about 105 days. Equal in yield to Habaro, and adapted to the same territories. Outstanding characters are high yield, early maturity, and excellent resistance to lodging. It is a very outstanding oil mill variety, and we suggest growers obtain seed of this exceptional strain to produce high yielding, good quality crops for sale to oil processing mills in their locality. Price: 5 lbs. 80c, postpaid.

Canada Yellow Field Peas

CHANCELLOR—Registered

Field Peas are better suited to the Northwest than other annual legumes for building up worn-out soils. They are usually grown with oats for hay, a combination equal in feeding value to clover hay. They contain more digestible crude protein and fat than alfalfa and corn.

When they are grown with oats, they are threshed together, and easily separated with a fanning mill after threshing, thereby getting two crops from one operation. Sow 2 bushels of oats to 1½ bushels of peas per acre. Drill the peas in 4 inches deep, as early as the ground can be worked. Then, 2 or 3 weeks later, sow the oats, drilling it in the other way. If the oats are sown with the peas, they grow too rapidly, and check or smother the growth of the peas. Price: 5 lbs. 80c, postpaid. For prices on larger quantities, see Price List.

This variety takes the lead among Soy Beans in the Middle Western States. It is outstanding for all purposes—hay, feed, hogging down, as well as for planting with corn for the silo. It will fully mature under ordinary conditions and grows large enough to produce excellent yields of hay or a large crop of beans. A good average crop will produce 20 to 30 bushels of beans per acre.

Manchu is a robust grower of vines which stand up well and are easily cut with the corn or grain binder. This variety matures in about 100 days, being well adapted to the southern half of Minnesota, Wisconsin, South Dakota and all sections farther south. In localities where the growing season is short, Manchu is preferred for hay purposes, but an earlier variety must be grown for seed. The beans are yellow and of medium size. Price: 5 lbs. 80c, postpaid. See Blue Figure Price List.

New MANCHU, Early Minn.

(Registered)

Our seed stocks were grown directly from the "Ryan Springfield strain." This new strain matures about the same time as Habaro (much earlier than regular Manchus), and will ripen beans in central Minnesota and similar territories. New Minnesota Manchus are erect, leafy and excellent for seed or forage. Both Habaros and Early Minnesota Manchus are high in oil and protein content, and low in moisture at harvest. They have outyielded all other varieties in recent Minnesota Experiment Station trials. 5 lbs. 80c, postpaid. See Blue Figure Price List.

New MANCHU, Early Wis.

(Wisconsin Approved No. 3)

A selection from Manchu by Wisconsin Experiment Station, Wisconsin No. 3 Manchu grows tall like regular Manchu. The bean is rather large in size. It matures earlier than standard Manchu and is outstanding in yields of seed and forage. Recommended for north central Minnesota and Wisconsin and similar territories. Price: 5 lbs. 80c, postpaid. See Blue Figure List.

Vetch

(Sand or Hairy)

Vetches, either green or as hay, make excellent feed and are also used extensively as cover and green manure crops. They make good hay, ensilage, pasture and green feed and are very valuable as a green fertilizer and as a cover crop in orchards, preventing the washing away of the soil.

Vetch may be sown in the spring at the rate of 60 lbs. per acre, or with a grain crop such as oats, wheat, rye or barley, at the rate of 30 lbs. per acre, and using one-half of the normal rate of small grain. This combination makes excellent forage or hay and also aids in preventing the Vetch from lodging. Vetch may also be seeded in the fall with winter rye for a hay crop, about August 1 to 20, using about 30 lbs. of Vetch and ¾ bu. of rye per acre. Price: 5 lbs. \$1.00, postpaid. See Price List.

Sorghum Cane



Making Sorghum Syrup From Minnesota's Famous Cane.

MINNESOTA EARLY AMBER—The Early Amber Sugar Cane grown in Minnesota is superior to that grown anywhere else. It is the earliest strain grown, very hardy, of fine quality, and yields from 12 to 20 tons of cane per acre, according to soil conditions and cultivation. It grows 12 to 18 feet high, yielding much fodder, of good quality. Early Amber Cane and Fodder Corn are often planted together, and produce immense yields.

One acre of Early Amber Cane will produce enough to make 175 to 200 gallons of syrup, of delicious rich quality, golden yellow color.

We offer an improved strain of Minnesota Early Amber Sugar Cane which has been carefully bred for size, sugar content, and palatability. Sow 2 to 10 lbs. per acre for syrup. Price: 5 lbs. 80c, postpaid. (See Blue Figure Price List.)

DAKOTA AMBER 39-30-S CANE—Low Acid Cane Variety Developed by the South Dakota Experiment Station.

The demand for low acid content Cane of early maturity has been met by the introduction of Dakota Amber 39-30-S. It grows 55 to 68 in. tall, the stems are medium large and juicy and sweet, tillers freely, the leaves are medium in size. It is a good forage and grain producer. The following qualities make this Cane outstanding:

1. Low acid content.
2. More sugar, higher feeding value.
3. Safe as Sudan Grass.
4. Certified as to purity—uniform maturity.
5. Easy to handle.
6. A good fodder and grain producer.

Plant 5 to 10 lbs. per acre in cultivated rows or 50 to 60 lbs. per acre broadcast. Price: 5 lbs. \$1.50, postpaid. (See Blue Figure Price List.)

WACONIA ORANGE CANE—Grows much heavier but shorter stalks than Amber Cane and withstands storms and wet weather without lodging. It produces an outstanding quality of syrup and more of it per acre. Sow Orange Cane at the same rate as the Early Amber Cane. Price: 5 lbs. 80c, postpaid. (See Blue Figure Price List.)

FODDER CANE—(Southern Grown.) A profitable feed crop producing as much as 80 to 85 tons of green feed per acre. It makes good hay if cut before it grows too high. It matures later than Early Amber Cane. Sow 50 to 60 lbs. broadcast or 12 to 15 lbs. in drills per acre. Price: 5 lbs. 80c, postpaid. (See Blue Figure Price List.)

Sunflower (Mammoth Russian)

Sunflower for ensilage and fodder is now advocated by experiment stations. Profitable where seasons are too short for other forage plants, sorghums, etc.

A profitable crop for fattening hens or producing eggs. Flower heads measure 12 to 22 inches across, containing many seeds. Price: Lb. 35c, 5 lbs. \$1.25, postpaid.

MILLET—The Ideal "Catch Crop"

Although many farmers are now growing Millet regularly as a hay crop, it was not until the last few years that its value was fully appreciated as a quick-developing crop. Many find it of great value in case of crop failure of Clover and Timothy, when dry, spring weather cuts short the pasture and meadow grasses, or when there is a cold, wet spring and corn and other early sown crops are drowned out—it is then that Millet is fully appreciated.

Millet may be planted up to July 1 and even later, and still produce a crop of hay or

pasture. Millet hay properly handled has great feeding value and milk-producing qualities. For hay it should be cut as soon as it blooms, before the seed forms, otherwise the hay is apt to be woody. In more southern sections Millet is sown as a catch crop after the grain has been harvested. It produces the best results in warm, rich soil.

Sow broadcast, using about 25 lbs. per acre, covering seed three-quarters of an inch deep. For a seed crop, allow the Millet to ripen fully and harvest with a grain binder.

JAPANESE MILLET—Billion Dollar Grass

One of the best forage crops for feeding all kinds of livestock. High in milk-producing qualities, being rich in protein and fats. Combined with soy beans, as ensilage, it makes an ideal balanced ration (two parts of millet to one of soy beans). Adapted to all sections of the country; it makes more hay than any other millet, and requires less seed. It is the ideal catch crop, and may be sown from May to July.

For hay, cut it just before it blossoms, and cure the same as clover. It also makes good pasture, but the cattle must be accustomed to it gradually.

- 1—It grows 4 to 8 ft. high and produces 5 to 6 tons of hay per acre.
- 2—It is drought-resistant, yet can be grown on wet or poor soil.
- 3—It is good for exterminating quack grass as it stools heavy.
- 4—It is cheap to sow, only 20 to 25 pounds of seed per acre being required.
- 5—It is very palatable and is liked by all classes of livestock.

FOXTAIL MILLETS

Sow 15 to 20 pounds per acre.

GERMAN OR GOLDEN—This is one of the best varieties for hay and fodder. It makes rapid, vigorous growth, often yielding 3 to 5 tons of hay per acre on good rich soil. It grows 4 to 5 feet high, is of rather coarse appearance, and should be cut for hay before it is in full bloom. At this stage, the hay is of the best quality, and so tender it can be fed to hogs.

SIBERIAN—We think this the best Millet for dry sections. It is extremely hardy, drought resistant, and about two weeks earlier than Golden Millet. It stools heavily, is very leafy, and yields enormous quantities of fine quality hay. It produces 50 to 70 bushels of seed per acre.

Price: Any variety, 5 lbs. 80c, postpaid. For larger quantities see Blue Figure Price List

PROSO MILLETS

Sow 25 pounds per acre.

TURGHAI PROSO—Turghai Millet grows three feet tall and has a purple spreading head. The stems bear a wide leaf similar to corn and are not woody. It withstands considerable drought. It is a red seeded variety, like Early Fortune. Turghai has yielded from 50 to 70 bushels on heavy soil and three tons of hay per acre. Contains 17% protein and is one of the richest feeds for hogs, cattle, sheep and poultry. Ask for free circular.

EARLY FORTUNE—This seed is of a shiny reddish brown about the size of Turghai. The heads are compact. It matures rather early, growing about medium height. It is ready to harvest in 50 to 60 days after sowing.

SEED TREATMENTS

BARBAK—This dependable seed corn treatment increases germination and stand at a cost of 2c per acre. Permits earlier planting, prevents seed rotting, and insures increased yield. Price: 1½ oz. pkt. (enough for 1 bu. seed) 15c, prepaid. Not prepaid, 1 lb. tin (60-acre size) 75c. See page 70.

SEMESAN JR.—Another seed corn treatment which destroys seed-borne diseases, protects seed from rotting in cold wet soil, thus makes early planting possible. Price: 1½ oz. (enough for 1 bu. seed) 15c, prepaid. Not prepaid, 1 lb. 75c.

CROTOX BIRD REPELLENT—Saves seed and replanting. Stops crows, pheasants and other birds, as well as squirrels, gophers, woodchucks, etc., from destroying planted seed. For seed corn, soybeans and other smooth coated seed. Price: ½ pint (treats 1 bu. seed) 60c, 1 pt. \$1.00, prepaid.

CERESAN—For treating seed grains—wheat, oats, barley. See page 65 for details.

SEMESAN BEL—For treating seed potatoes. See page 21 for details.

SEMESAN—For treating all garden and flower seeds. See page 12 for details.

NITRAGIN—For inoculating Alfalfa, Clovers, Soy Beans, and Garden Peas and Beans. Boosts yields and enriches soil. See page 64.

FREE: Circulars fully describing any of the above seed treatments, on request.

POULTRY REMEDIES



JERMITE
THE COUNTRY HOUSE MEDICINE

\$1.00 per Gal.

1-lb. can makes
1 gallon of Jermite
ready to use.

Good for Baby Chicks and the entire flock!



JERMITE

A 1-lb. can of Jermite equals 700 average poultry tablets that usually cost \$1.00 per 100 tablets. You save \$6.00 by using Jermite.

Jermite Guarantees Healthy Turkeys and Poultry

- 1 Jermite is economical to use.
- 2 Jermite can be used in either the drinking water or the feed.
- 3 Jermite contains no fillers or harmful drugs.
- 4 Jermite is guaranteed.

Send \$1.00 for Special Jermite Trial Offer Today.

MINK'S LOUSE KILLER OINTMENT

—One application keeps hens free from lice up to six months. Pays its cost several times in increased egg production. Wonderful remedy for head lice, on baby chicks and turkeys. If not completely satisfied, return empty box and get your money back. One box treats 75 to 100 hens.

Perfectly harmless. Price: 80c, prepaid.

Better Pest Destroyers and Practical Helps for Farm and Home



CYANOGAS

KILLS

RATS, MICE, GOPHERS, MOLES, WOODCHUCKS

in corn cribs, burrows, under buildings, barns and hard-to-get-at places.

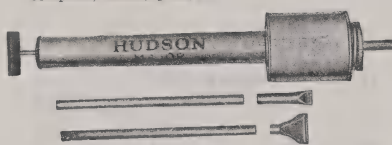
Cyanogas gives off a gas deadly to rodents. The residue, after gas is given off, is non-poisonous. Pests need not eat Cyanogas or even touch it. It gets 'em wherever they are. Can be applied with dusters (below) or by sifting. Directions on pkg. Write for big free folder telling how to rid your premises of 24 different farm and home pests.

Cyanogas A-Dust: 1/2-lb. can 45c, 1 lb. 75c, postage 10c extra. 5 lbs. \$3.00, 25 lbs. \$10.00, F. O. B. Faribault.

MAJOR DUSTERS For Cyanogas or Insecticides

This inexpensive duster can be used for Cyanogas and should last several seasons.

Price: No. 665 Major Duster with two 12-in. extensions, two nozzles and 12-in. flexible hose complete, \$1.35, postpaid.



EVEN-TEMP



HOT AIR CIRCULATOR

Post-paid for ONLY \$1.95 Each

A surprising heat broadcaster, warms kitchen, bathroom, basement, garage quickly, at low cost. Just set EVENTEMP over open flame of gas, range or oil stove—every corner of kitchen gets instant, even heat. No sweating walls and ceilings—no cold floors. Twice the heat with one-fourth the gas! Works on any open flame burner—no connections or piping needed. Detailed folder free.

HOME THERMOMETER for only \$2.50

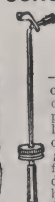
Economical, dependable, handy. Useful indoors or outdoors.

FARMER BRAND SEEDS.

Always dependable



MASTER LUSTER WINDOW CLEANER CONCENTRATE



Save money—make your own glass cleaner—improved formula contains no oil. Cuts grime and film from windows, mirrors, bath fixtures. Great time-saver. Simply add water, spray—wipe off, result, a bright clean surface. 6-oz. bottle. Makes up to one gallon. Prepaid, only .55c

Spray Applicator fits bottle, 10c extra, prepaid.



...THE EASY WAY

Simply ignite Rodent Rocket and place in hole. Fumes do the rest. GUARANTEED—SURE—FAST—SAFE. Absolutely the most convenient way to destroy these lawn pests. No dead carcasses to dispose of! 10 RODENT ROCKETS, prepaid, \$1.00

MASTER MOLE KILL

Punch hole in tunnel, drop in this non-poison bait. Relished by moles, but kills 'em. Trial pkg., 30c; large economy size, 60c, prepaid.



VERMINOX (Non-Poisonous.) KILLS RATS!

A ready-to-use bait, tasty but deadly to rats; not dangerous to humans, pets, poultry, livestock. TRIAL pkg., 25c; large economy size, 50c, prepaid.



BLACK CAT KILLS RATS & HOUSE MICE

Non-poisonous bait to be mixed with butter, meat, corn meal, or whatever these pests are eating or destroying. Fatal to rats and house mice—harmless to man, animals, poultry. LIBERAL pkg., ppd., 50c; 3 for \$1.25, prepaid.



KILL-EM-QUICK GOPHER POISON



Just mix this powder with moistened grain. The aroma attracts, the taste makes gophers eat greedily. It Kills 'Em Quick! Wipe out gophers—they cost you money! Liberal pkg., ppd., 50c.



Need be applied to only one spot on dogs and cats—kills fleas all over the animal. Packed in "dust-gun" can... Big economy size (about 3 times as much), only 50c, prepaid.

MINK'S LOUSE KILLER OINTMENT

One application keeps hens free from lice up to six months. Pays its cost many times in increased egg production. Wonderful remedy for head lice on baby chicks and turkeys. If not satisfied, return empty box and get your money back. One box treats 75 to 100 hens. Perfectly harmless. Price: 80c, prepaid.



"Sure-Catch"

Only 85c Postpaid

Pocket Gopher Trap



Part of 104 Pocket Gophers caught in one night

Sold on Money Back Guarantee

Few farmers realize the losses caused by pocket gophers. Most counties pay bounties to check these farm robbers, but here is a trap that will really get a pocket gopher nine times out of ten. This trap is so simple and effective that the manufacturers back it with an unlimited guarantee to do the work, or you return the trap and get your money back.

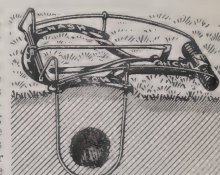
Sure-Catch Trap is easy to set—perfectly harmless to handle and fits into the gopher hole, half length. Boys and girls make good money trapping pocket gophers.

Price, with full instructions: 85c each; 6 for \$4.50, prepaid.

Nash Mole Trap

Recommended by U. S. Biological Survey, Wash., D. C. The Only Trap That Always Catches the Mole in All Kinds of Ground When Properly Set.

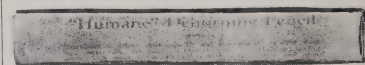
Springs of best Bessemer spring steel. Clods or stones cannot prevent perfect operation. Catches the mole when it comes from either direction, the pan being located between the two choker loops—sufficiently far apart so the mole springs the trap and is caught around the forward spades or flippers. If properly set, it cannot fail. Satisfaction guaranteed or money back. Full directions for setting, also for preparing skins for market, with each trap. Weight, 3 lbs. 2 ozs. Price: \$1.50, prepaid.



MOUSE SEED

This poison wheat is treated with strychnine and an inviting, attractive lure that gets the mice. Trial pkg., 15c; large economy size, 30c, prepaid.

Humane Dehorning Pencil



The value of a calf is increased \$2.00 by dehorning. The brutal method of sawing off the horns is obsolete. Check the growth of horns in young calves with our "Humane" Dehorning Pencil. One application does the work—does not injure calf—practically painless. Satisfaction guaranteed or money back. Each pencil dehorn 10 to 15 calves, at a cost of about 4 cents per calf. Sold for many years to thousands of satisfied customers. Include one with your order. Price: 50c per pencil, 3 for \$1.30, prepaid.

High Grade Garden Implements to Make the Job Easier!

THE NEW AMERICAN GARDENER No. G-2

A complete garden outfit for all purposes. 1—A plow for trenching; 2—A scuffle hoe or sweep for weeding; 3—A cultivator for breaking up the soil; 4—A mulcher, pulverizer or rotary hoe for pulverizing, killing weeds, stimulating plant growth and leaving a dust mulch to save moisture. It is simple, compact, easy to use and speedy. This single tool will do everything that any other tool or combination of tools will do.

The mulcher attachment is interchangeable with trenching plow. Loosen the hand wheel and turn any one of these tools into position. Fully guaranteed.

(For a seeding attachment, we recommend Midget No. 2—described below.)

Price: Complete, \$5.10, not prepaid.



4 TOOLS IN 1
\$5.10
Complete

Weight, 23 lbs.

STANDARD No. 20-A SINGLE WHEEL CULTIVATOR

With this tool you can get your money's worth in a few hours' work, whether you have five acres, one acre or a garden only 25 feet square. Has a strong steel wheel 24 inches in diameter, making it work easily and carrying the tool in perfect balance. The handles are quickly adjusted to suit the height of the operator or to regulate the depth desired to run attachments. The equipment includes double end shovel mold-board with landside with 5-prong cultivator (practically 5 tools).

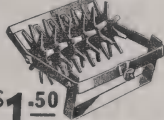
Price: Complete, \$3.50, not prepaid. Weight, 20 lbs.



Price
\$3.50

Standard Weed Killer PULVERIZER & MULCHER

Attaches to any high wheel cultivator. Runs light. Has six star wheels mounted on revolving shaft. Between wheels are projecting teeth which pulverize the lumps. Mounted in front is a 10-inch scuffle blade, both edges sharpened. Weight, 6 lbs.

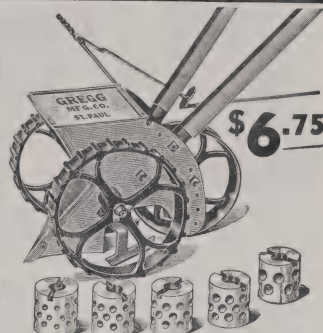


\$1.50
Postage, 20c.

NEW GREGG GARDEN SEEDER

A new implement designed especially for the small truck gardener and the amateur who gardens in a big way. Economy of seed due to special, patented drill feature, plus convenience of operation, makes Gregg Seeder an outstanding value.

Easy to handle, light weight, simple to operate. No gears or chains to adjust. A quality machine, amazingly efficient and sturdily constructed. Adjustable arrangement for accurate spacing of seeds. Plants ½ in. to 1½ in. deep. Will not crack or grind seeds. Comes equipped with 5 different drills that will plant most all common garden seeds, from the smallest up to peas and beans. (Extra drills 25c.) Complete with seed chart for various drills. Extra large seed hopper. Detailed folder free. Shipping weight, 17 lbs. F. O. B. Faribault, \$6.75.

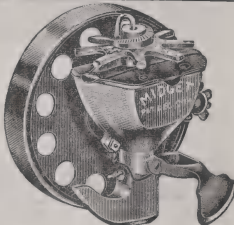


\$6.75

MIDGET SEEDER No. 1—\$3.10

For sowing any kind of seed, from the smallest up to peas and beans, in any quantity. Will attach with one bolt to any Standard Single Wheel cultivator or most other Single Wheel cultivators having 5½ inches or more space between shank and wheel. Shoe is adjustable for any depth and coverer swings easily. The most popular seeder on the market. Handle extra for use alone. Weight, 8 lbs.

Price: Set up, ready to be attached, \$3.10. With handle, \$3.60, not ppd.



MIDGET SEEDER No. 2—\$3.95

This perfect seeding device will hold one quart of seed. It drills accurately all kinds of seeds from radishes to peas or beans, covering at uniform depth and giving an even stand. Use this tool in combination with the new American Gardener or Standard No. 20A and you have a complete outfit. An ideal combination with No. G-2. Not to be used alone. Price: \$3.95, not prepaid. Shipping weight, 10 lbs.

—RELIABLE INSECTICIDES—

WHAT TO USE FOR WHAT

FOR—	USE—
Cabbage Worms	Garden Guard
Bean Beetles	Arsenate of Lead
Cucumber Bugs	Nok-Em-Kold
Leaf Chewing Insects	Evergreen Spray
	Pyrocide
Spiders on Evergreens	
Aphis—mealy bugs	Emo-Nik
White flies—Rust	Black Leaf 40
Mites on House Plants	
Aphids on Nasturtium	Bordeaux Mixture
All sucking insects	Wettable Dusting Sulphur
Blight—rust—scab—anthracnose—fungus diseases	
Squash and Melon Bugs	Pyrocide
Cucumber Beetles	
White mildew—black-spot—leaf spot—fungus diseases	Wettable Dusting Sulphur
Tomato blight—fungus diseases	Acme Kopper King Dust or spray

"BLACK LEAF 40"—(Sulphate of Nicotine.) For killing the green aphid or lice which usually appear on sweet pea, cucumber and other vines. Used for spraying all kinds of plants. Price: 1-oz. bottle (makes 6 gallons of spray) 40c, 5-oz. tins \$1.10, 2-lb. tins \$3.25, prepaid.

ACME EMO-NIK—Controls red spider, mealy bugs, white flies, rust, mites and aphids. Use as a spray. Fine for use on evergreens. 8-oz. can 40c, 1 pint 60c, ppd.

EVERGREEN—Non-Poisonous. Effective against most other plant pests, including cucumber and melon beetles, cabbage worms, rose slugs, leaf hoppers, currant worms, etc. Non-injurious—Spray freely on the tenderest plants. Price: 1-oz. bottle (makes 6 gallons of spray) 35c, 6-oz. bottle \$1.00, prepaid.

WETTABLE DUSTING SULPHUR—Keep your roses free from mildew, black spot, leaf spot and other hideous fungous diseases. Price: 2-lb. can, each 40c, prepaid.

ACME KOPPER KING—Spray or dust to control tomato blight, wilt and mildew. Newest recommended development. 1 lb. 50c, ppd.

LIME SULPHUR—Dry powder for scale, blight, leaf curl, twig borer—also for summer spraying against scold, blotch, red spider and mite. 1 lb. 40c, ppd; 5 lbs. \$1.45, not ppd.

"NOK-EM-KOLD" GARDEN INSECTICIDE—It controls cabbage and cauliflower worms, cucumber beetles and insects. Dust on while plant with dew. Price: 1 lb. 25c, prepaid.—Not prepaid, 5 lbs. 90c, 10 lbs. \$1.35.

PYROCIDE—Newest dust insecticide for control of squash and melon bugs—cabbage and cucumber beetle. Non-poisonous, yet powerful. Effective all around control also for aphids, beetles, leafhopper and chewing insects. 1 lb. 45c, ppd.; 5 lbs. \$1.25, not ppd. Satisfaction guaranteed.

TREE SAVERS

DAYTON TREE SAVER—Contains 18 ingredients beneficial to trees, medical oils to heal wounds and non-injurious acids to destroy fungi, insects and worms. It does not shrink but is light in weight, elastic and waterproof. Price: pint, 50c, quart 90c, not prepaid.

SULPHONOL RABBIT REPELLENT—Protects trees from rabbits and mice. Inexpensive to use. Keeps tree borers away and prevents sun scald. Mix with water and paint the trees two feet above snow line. "Sulphonol" is non-poisonous, and will remain effective throughout the winter. Cannot be applied with sprayer. One pound treats 20 trees. Price: 1 lb. 45c, prepaid.—Not prepaid, 35c per lb.

Tree Protectors—see page 28.

COPPER RODENT REPELLENT—Protects fruit trees and shrubbery from rabbits and mice. Costs less than 1¢ per tree. Rapidly applied by painting or with sprayer. Rabbits will not girdle a tree which is coated with this material.

Non-poisonous—offers all winter protection. Price: qt. 85c, postage 15c extra, 1 gal. \$2.75 f. o. b. Faribault.

DOG-ZA-WAY—Spray it on your evergreens, shrubs, plants or trees with hand sprayer and dogs will stay away. Harmless—non-poisonous. Household size, 39c, prepaid.

DAWG-GONE — KEEPS DOGS AWAY—A combination of rare chemicals releasing an odor very distasteful to dogs. Just hang tube on lower branch of tree, about 10 inches from the ground, with opening down. The slowly escaping odor will keep dogs away. 2 tubes, 50c, ppd.

TOBACCO DUST—Destroys rose slugs, lice, vine bugs, tomato worms, currant worms, cabbage lice. Apply when foliage is wet. Price: 1 lb. 30c, prepaid.—Not prepaid, 1 lb. 25c, 5 lbs., \$1.10, 10 lbs. \$2.00.

ROTENONE GARDEN GUARD—Non-poisonous. Recommended for dusting on cabbage, cauliflower, beans, etc. Also controls lice, fleas and mites on dogs, cats and chickens. Safe to use. 1-lb. sifter top can, 40c, ppd.

ARSENATE OF LEAD—Safest to use on tender foliage and sticks well on the leaves. Can be used as dust or spray. Price: ¼ lb. 25c, 1 lb. 40c, prepaid; 4 lbs. 75c, not ppd.

BORDEAUX MIXTURE—Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. Price: 1 lb. 40c, prepaid; 4 lbs. 75c, not ppd.

CYANOGENS, ANT KILLER—Special 4-oz. tin container. Simply shoot it in the nest and no more ant trouble. Price: 40c, prepaid.

Kill Rats and Mice on your Premises—see page 74. CARCO for Root Maggots—Page 22

Page 75

Good Equipment Helps Make a Good Lawn and Garden



Complete, \$2.35
postpaid.

AMAZING NEW HARCO SPRAYER

Professional type, easy-to-use, and down-to-earth price! Performs like expensive compressed air types, without bulky weight, bothersome cleaning! A squeeze of the hand delivers penetrating spray onto tops of tall shrubs, undersides of small plants. Extension rod gets hard-to-reach places. Sprays up, down, sideways, without adjustment. Surprisingly efficient. Durable pump resists corrosion—lasts for years. Fits ordinary Mason jars—keep different sprays in different jars! It's easy to switch from one garden spray to another or to household fly sprays.



ONE PIECE STEEL TROWEL

Handle can't work loose.
Green enamel finish.



27c ppd.

"GARDEN KING" PLANT MARKERS



DIRT
PROOF.
WATER
PROOF.

Mark your garden with economical, weatherproof markers. Garden green color. Protected against decay. Chemically treated name card.

covered by removable, dirtproof window. Just use ordinary pencil. 18-inch size...50c per dozen, ppd. 12-inch size...40c per dozen, ppd.

ADMIRAL DUST GUN

Applies insecticide in fine dust or heavy cloud. Powder can't enter pump chamber. 24-inch extension has adjustable nozzle for straight or angle discharge. Ideal over-and-under-leaf coverage.



\$1.25
ppd.

PRUNING SHEARS

85c
Postpaid

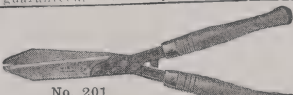


No. 50

Every home has a thousand and one uses for pruning shears—shrubs, berry bushes, hedges, trees, plants—all need pruning. Here is a good pruning shears—tempered blade, guaranteed. Volatile spring.

Hedge Shears

To Remove Old Wood
and to Keep Hedges and Shrubs
Shapely and Trim.

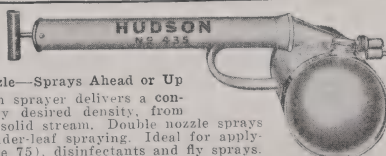


No. 201

Wide beveled blades, ground and polished. Tangs natural finish, bright steel ferrules, case hardened bolt and nuts with lock washer. 8-inch blades. ONLY...

\$1.75 Postpaid

Continuous SPRAYER



Adjustable Dual Nozzle—Sprays Ahead or Up

This sturdy garden sprayer delivers a continuous spray of any desired density, from the finest mist to a solid stream. Double nozzle sprays ahead or up—for under-leaf spraying. Ideal for applying insecticides (page 75), disinfectants and fly sprays.

No. 432 with 1 qt. tin tank—postpaid for only...

No. 435 with 3 qt. galvanized steel tank (shown above), \$1.50 postpaid.

95c ppd.

Booster 3 1/2 Gallon COMPRESSED AIR SPRAYER

The best moderately priced sprayer on the market—adapted for all classes of work. The galvanized steel tank has riveted and soldered seams. Top and bottom double-headed for strength—and is tested at 90 lbs. pressure.

A convenient size high pressure compressed air sprayer for insecticides, fungicides, white-wash, etc. Built-in Nu-Eez funnel top—3 1/2 gal. capacity—20 inches high—7 1/2 inches diameter air-pak pump—all brass nozzle with 15-in. extension rod—brass automatic shut-off valve. Weight 8 1/2 lbs. Postage to 3rd zone, only 27c.

191-G Sprayer Price \$3.45
Not ppd.



Like ALL NIGHT RAIN
IT REALLY SOAKS THE SOIL

SOIL-SOAKER

Water seeps through entire length gently—no spray—puts water where you want it—all soaks to the roots. Made of treated mildew-resistant canvas. One end screws to water hose, other end closed. Water seeps through every pore—soaks directly into the soil over an area of several feet on all sides. No excessive evaporation. Ideal for lawns, terraces, flower and vegetable gardens, hedges, shrubs, trees, etc. Saves on water bills. Get yours now!

PRICES
12 feet long, \$1.40
18 feet long, \$1.90
30 feet long, \$2.90
50 feet long, \$4.75

All Postpaid

SACCO PLANT FOOD

For Gardens, Lawns,
Shrubs, Plants,
Trees.

A single application makes grass and vegetables grow vigorously and flowers and shrubbery beautiful with bloom and foliage. Quick results, easy to apply, small quantity required, no offensive odor.

Used for years on lawns of fine homes—on golf courses—in private gardens—hot-houses—and nurseries of florists and commercial growers. Ten lbs. is sufficient to fertilize plot of lawn 20x25 ft.; 25 lbs. will cover plot 30x40 ft. (Use 2 to 4 lbs. per 100 sq. ft.).

Price: 5-lb. pkg. 45c, 10-lb. pkg. 85c, 25-lb. bag \$1.50, 50-lb. bag \$2.50, 100-lb. bag \$4.00, f. o. b. Faribault. Detailed instructions in each package.



Makes Things Grow

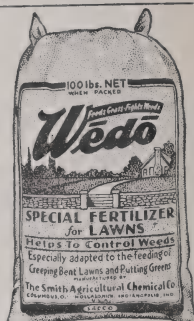
(Analysis: 4-12-4)

WEDO SPECIAL LAWN FERTILIZER

Feeds
Grass—
Fights
Weeds!

A balanced fertilizer which rids your lawn of weeds. Grass grows luxuriantly—weeds disappear! Formulated by leading soil authorities. Contains the recommended amounts of nitrogen, phosphates and potash most suitable to lawn grasses and the valuable weed eliminating features of sulphate of ammonia and other weed control elements.

HOW MUCH WEDO TO BUY
Only 1 1/2 pounds are required for 100 square feet (10x10 ft. area)
10 lbs. 90c, 25 lbs. \$1.85, 50 lbs. \$3.25, 100 lbs. \$5.75, f. o. b. Faribault.



(Analysis: 8-5-3)

Ideal SPREADER for Home Lawns - only \$4.50

A quality built Fertilizer Spreader designed by makers of Sacco and Wedo. Handles any powdered or granulated fertilizer as well as grass seed. Can be set to feed light, heavy or medium. Instant feed control from handle. Inexpensive but very efficient.

F. o. b. Faribault \$4.50
Weight 13 lbs. (Postage to 3rd zone, 35c)

PEAT MOSS

For Lawns and Gardens

If you have trouble with your lawn, if your soil is light and sandy, or bakes hard because of clay. Peat Moss will show wonderful results.

2 oz. of Peat Moss can absorb 1 lb. of water. Use it around roses, shrubs, perennials, your window boxes, ferns and potted plants. One bag (about 3 bu.) will top-dress 400 to 500 square feet of soil. Inexpensive to use. (Circular free.) It contains life-giving humus and nitrogen essential to plant growth—and is free from silt and weed seeds.

Top-dress your lawn early in May. On heavy clay soil, work in to a depth of 6 inches.
Price: Peck package 60c, prepaid; 1/2-bu. package 85c (prepaid to 3rd zone). Not prepaid, 1 bag, about 3 bu., \$1.60, 2 bags for \$2.90. 160-lb. bale (2 1/2 bags), \$3.25. PEAT POULTRY LITTER at same prices.

For Applying Fertilizers and Sowing Grass Seed

Does the job RIGHT. Spreads evenly and quickly. Saves time and materials. Will feed or reseed your lawn in less time than is required for mowing.



18" Spread

Get More Enjoyment from Gardening with These New "Gadgets"

Different

ALL PURPOSE HOE

Money back if not pleased! Try it. Hoeing delicate perennials, shrubs, garden crops—you'll never go back to the ordinary hoe. Using sides of V blade permits close work without injury to plant. Amazingly efficient, light and strong. Sharp, tempered steel blade, spring steel shank. If not pleased in 10-day trial, return it for money back! Postpaid, only..... **\$1.10**



KNEEZIES

Waterproof - Washable Kneez Pads give ideal protection for garden work, house cleaning, little tots on skates. Kneezies afford comfort of a pillow among your plants—even after rain or in morning dew!

They're bubble-filled rubber (not sponge), strong, light, flexible, dry, clean, soft and comfortable. Quickly snap on and off. Attractive pkg.—a unique gift! Pair, pre-paid..... **\$1.00**



OUT COME DANDELIONS AND PLANTAIN with ONE QUICK PUNCH!

AUTOMATIC

It's fun, now, to get dandelions and other weeds. Just ONE PUNCH—no tilling, no thumb or finger movement of any kind. Stand erect, work with one hand. Grip- per opens automatically as tool jabbed through root— closes on weed as blade is withdrawn. Releases weed as blade inserted into next plant. Or, pull on shaft to release weed into bucket. No backache, no blisters, works swiftly, fast. One Punch and weed is out. Proved by 3 yrs. use. Sent postpaid, only \$1. Price refunded, only if you are not satisfied. Order NOW!

SEND ONLY \$1.00

For the One-Punch Dandelion Puller.



GARDEN GLOVES

All-Leather, Dirt-Proof, Soft as Kid, Extra Pliable, Washable.

Outwear 6 pairs of fabric gloves for garden, housework, painting, yard, furnace, garage, etc. Sizes for women: small, medium, large. For men: medium and large. Specify for men or women. Price: 1 pair 75c, 2 pair \$1.40, postpaid.

Pair, Ppd. **75c**



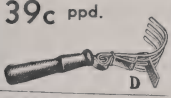
MAGIC HAND WEEDER

Spring-tooth weeder with hand-hoe on back. Surprisingly efficient! Steel tines, wood handle.

39c ppd.

MIRACLE WORKING GARDEN CHEMICALS


Page 79



COLONIAL SUN DIAL

Artistic colonial beauty for your lawn or garden. Bronze finish, 10-in. diameter. Ideal gift for Mother's Day, Anniversaries, Birthdays.

ppd. **\$1.25** only



NEW HEALTH FOODS FROM FARM PRODUCTS

"WAY TO HEALTH" FOODS

Superior Wheat Germ

Ready to Eat

Rich in Vitamins A, B, E, G and Organic Minerals—High in Protein and Wheat Germ Oil—Low in Starch

A general tonic food which tends to create new energy, revitalizes tissues and glands, builds up general health, physical and mental.

Processed to eliminate the toxic effect of raw wheat germ, preserving vitamins and minerals, preventing rancidity.

Take 1 to 5 tablespoonfuls daily—see what it will do for you. Delicious over cereal, fruit, or alone with milk or cream. Sweetened with honey or maple syrup. A definite, perhaps sensational improvement in health, vitality and energy may result.

Price: One lb. 50c, three lbs. \$1.30, prepaid.


GRASS Newest Food! for Man!

The amazing new product recent magazines describe. Scientists found certain grass leaves properly processed, contained ALL known VITAMINS essential to human diet. NOW in one tablet: Vitamins A, B1, B6, C, D, E, G, K! This invaluable food helps prevent colds, constipation—builds health. A necessity for some—protection for all. FREE, detailed folder. Supplies vitamins, without calories, to those on reducing diets. 200 Vigras tablets (month's supply), ppd., \$1.00. (Also called "Viet.")



BEVASOY

New Alkaline Coffee Substitute. Delicious beverage made from soy beans and fruit—skillfully toasted and blended. Use like coffee. Contains no caffeine—does not cause sleepless nights nor irritate nerves or kidneys. All may enjoy it without harmful effects. Pound makes 130 cups. 1 lb. 40c, 3 lbs. for \$1.00, prepaid.



Alkaline Candy Bars

Contain no cane sugar—tasty and healthful. "A balanced meal," truly alkaline, containing raisins, honey, dates, figs, Superior Wheat Germ, soy milk, and milk chocolate coating. Excellent for children and all ages. Diabetics may have them if they can eat honey. Rich in Vitamin B1.

Alkaline Candy Bars satisfy that craving for sweets in a healthful way. 24 bars per box for \$1.25; 1/2 box 75c, postpaid.

Soy Breakfast (Meat Cracks)

Alkaline Cereal and Meat Substitute made entirely from soy beans. Soy Cracks are gently steamed, ready to eat as a cereal. Rich in protein, low in starch. Fine for serving with Wheat Germ, using one tablespoonful of Soy Cracks with two or three tablespoonfuls Superior Wheat Germ, with milk or cream, fruit or cereal. Useful in diabetic diets.

May also be combined with other ingredients ordinarily used in making meat loaf or patties, omitting the meat. Price: 1 lb. 35c, 3 lbs. for 90c, prepaid.


BETENE A FOOD FOR JOYOUS LIVING

A tasty food drink—not a drug—but excellent for a reducing program. One tablespoon of Betene in a glass of fruit juice or skim milk makes a meal. This may be taken twice a day, eating only one regular meal. Betene has given buoyant alertness to many.

Also beneficial in building up program—taken after meals—with fruit or milk. Contains powdered Soy, Agar-Agar and vitamin concentrates A, B, C, D, B2. Considered ideal for diabetic diet. **Free** price: 10-oz. pkg. \$1.50, 20-oz. pkg. \$2.50, prepaid.

Garlic, Parsley (With Honey)

Of great medicinal value in treatment of acid, high blood pressure, pneumonia, colds, coughs and kidney trouble. Get circular. Take teaspoonful daily. 4-oz. bottle 75c, 3 bottles, \$2.00, prepaid.



Soy Bean Milk Powder

Most alkaline and digestible of all protein foods—free from starch. Excellent source of vitamins A, B, D, E, G; phosphorus, calcium and iron. Of special value in diabetic and low carbohydrate diets, stomach ulcers, colitis, etc. Builds endurance. 1 lb. 45c; 3 lbs., \$1.10, ppd.

Roasted Soy Nuts—FOR YOUNG AND OLD

The most delicious product of the Soy Bean. Highly nutritious, though practically non-fattening. High in calcium, phosphorus, iron and minerals. Has an alkaline effect—negligible in starch—easy to digest—an excellent food for young or old. Helps build strong bones, sound teeth and firm muscles—exceptionally good for children and a fine party treat. Price: 13-oz. pkg. 33c, 4 pkgs. for \$1.15, prepaid.

WILD RICE

This northern delicacy adds zest to holiday meals in stuffing roast chicken, turkey, etc., wild game, fish and fowl. Make new dishes year 'round: French fried wild rice, baked wild rice and giblets, goulash, meat loaf, dressing, wild rice chow mein and others. 20 recipes with order. A distinctive gift! Finest quality—long unbroken kernels. 12-oz. pkg. 60c, 3 for \$1.65, prepaid.



NEW! GARLIC & PARSLEY in Odorless—Tasteless Capsules

Get benefits described above in this pleasant, tasteless way. Each capsule contains concentrated clean fresh parsley and peeled garlic (moisture removed)—suspended in cold pressed Wheat Germ Oil. Suggested usage: 1 capsule before each meal. 70 capsules (3 to 4 weeks' supply), only \$1.00, postpaid.



Pure Soy Bean Lecithin

An organic food of phosphorous compounds necessary for life and credited with increasing red corpuscles and haemoglobin of the blood. Considered a tonic in combating anemia and chlorosis. Ordinary diets contain too little of this necessary element. An insufficient supply results in lassitude—no pep—nervousness—insomnia and a half-alive feeling. Lecithin is helpful in stimulating mental effort, will power and in the growth of children, as well as quicker recovery of the sick. Box of 70 four-grain Lecithin capsules—use one or two per day—price \$1.00, ppd.

PSYLLIUM—FOR YOUR HEALTH

Blond Psyllium is a natural aid in treating constipation. A safe, harmless, non-habit forming regulator. Supplies both bulk and lubrication needed for sufficient bowel action. It gives off a gelatinous oil which produces a mild, efficient intestinal lubrication. Price: 12-oz. pkg. 50c, 3 lbs. for \$1.25, 5 lbs. sufficient for two months' treatment, \$2.00, ppd.

Additional House and Garden Helps on Pages 74, 79 and 80.

Important

Keep a copy of your order and check it when it arrives.

Write your name and address plainly. Sending money. Postoffice money orders, bank drafts or express money orders are always safe. We prefer not to receive stamps. Never send cash in a letter unless registered. Doing so will be at your own risk.

Please do not send checks under \$1.00—send cash instead—carefully wrapped. Allow 10c exchange on all checks to cover charges by banks. We will include extra seeds to adjust.

Our Guarantee

We sell dependable, carefully tested seeds. Should failure result from the fault of the seeds we will refund your money.

Seeds, trees, bulbs and plants are subject to climatic conditions over which we have no control. Therefore, we will not be responsible for the crop, or for more than the price paid. In case of error prompt adjustments will be made.

Parcel Post Rates

Packages weighing 70 pounds can be sent to all zones. Ten pounds or more beyond the 5th zone usually go cheaper by express.

Zone	Distance up to	For First Pound		Each Pound, Additional	
		1st & 2nd	3rd	4th	5th
1st & 2nd	150 miles	8c	1c	2c	3c
3rd	150-300 miles	9c	1c	2c	3c
4th	300-600 miles	10c	1c	2c	3c
5th	600-1,000 miles	11c	1c	2c	3c
6th	1,000-1,400 miles	12c	1c	2c	3c
7th	1,400-1,800 miles	14c	1c	2c	3c
8th	over 1,800 miles	15c	1c	2c	3c

In estimating parcel post charges be sure to make allowance for packing. A fraction of a pound takes full pound rate. Faribault is 50 miles south of St. Paul.

FREIGHT AND EXPRESS SHIPMENTS.

State whether you want freight or express shipment made. If yours is a prepaid station, full transportation charges must be sent with the order.

Perishable Items

POTATOES, ONIONS, BULBS, PLANTS AND NURSERY STOCK are shipped when weather conditions permit, and customers are then notified of shipments. Should a shipment reach you in bad condition, notify us at once. Have agent make notations on your receipt. If yours is a prepaid station, full transportation charges must be sent with the order.

C. O. D. Service

For your convenience we offer to ship garden seeds, flower seeds, or light weight shipments C. O. D. Simply pay the postman or express company the amount due, on delivery, plus a small charge for returning the remittance. For farm seeds, perishable articles such as potatoes, bulbs, nursery stock, or heavy bulb shipments, send at least 25% of the amount due with the order.

BEFORE MAILING—LOOK AGAIN—Does the amount of your remittance correspond with the amount of your order? Have you signed the order and is your name and address on the envelope? Then be sure to seal the envelope.

Help us to correct our mailing list.

If you received more than one catalog—or if several members of your family received one or more catalogs—will you please tell us what names or initials they were addressed to, and give correct name or initials of the head of your family? A post card will do. For your trouble, we will be glad to send flower seed novelties—and many thanks. New names will also be appreciated.

Free flower seed novelties in exchange.

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Newest "Miracle-Working" Chemicals For Your Garden!

TRANSPLANTONE



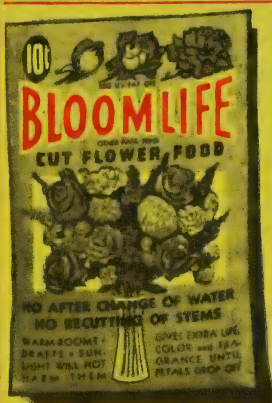
Trial Pkt., 25c

Amazing new HORMONE-Vitamin stimulant "does things" to more plants than B1 alone! Mix with water—apply to soil. Makes better lawn turf, plants, tree and seedling roots. Unbelievable results transplanting VEGETABLES—tomatoes start quickly—no wilting or set-back. 50% more yield reported. 1 oz. makes 10 gallons transplant solution or 1,000 gals., watering solution. Free folder on request. 1-oz. can, postpaid, 50c; 3-oz. can, postpaid, \$1.00.



AMAZE Your Friends! Use Vitamin B1 on PLANTS

Exciting results reported—5-inch rose buds, 6-ft. snapdragons, plants that fail to bloom, become a mass of color! Try MIN-A-VITE B1 on house plants, lawns, flowers. 1 tablet makes 2½ gallons of solution. 20 tablets ppd. for 10c, 50 for 25c, 125 for 50c, 300 for \$1.00.



BLOOM LIFE

Helps Cut FLOWERS LIVE LONGER!

Retards wilting—keeps color and fragrance much longer even in steam-heated rooms. No need to change water or recut stems.

Liberal 10c Pkg.



HORMONE PLANT STARTER KIT

Use hormone products for growing more bounties—bigger, better cabbages, cauliflower, peppers, beans and other vegetables. Market growers report 15% to 50% greater yields—1 to 3 weeks earlier maturity! Simple—easy to apply. Contains hormone seed treatment for bigger rooted, stronger plants. Transplantone to cushion transplanting shock. Concentrated plant food to speed growth. Hormone Spray to fortify pollination, hasten maturity. All these products, with complete directions—postpaid for only \$1.29. (More details on page 26.)

Plant Food Tablet

Contains B-1



Feed your house plants, flowers, shrubbery, vegetables—with Stim-U-Plant. Clean, odorless: 10 tablets, 10c; 30 tabs, 25c; 100 tabs, 75c; 1000 tabs, \$3.50.

STIM U PLANT

WHEN YOU WATER YOUR PLANTS...FEED THEM

Give them Hyponex-and-water, a complete plant food that grows all kinds of vegetation in sand, soil or cinders. You will have stronger, bigger plants, more and larger flowers. Hyponex is a dry, odorless powder. One teaspoonful makes a gallon of plant food. Highly concentrated. Clean—safe—odorless. Easy to handle, will not burn foliage. Contains vitamin B1. 3 oz. can (makes 18 gal.), .25c 1 lb. can (makes 100 gal.), \$1. Marvellous results on lawn grass, trees, shrubs, vegetables and flowers.

HYPONEX PLANT FOOD

ROOTONE



2-oz. jar (treats 20 lbs. \$5.00. Trial pkg., 25c ppd.

Hormone Wonder Powder for seeds, cuttings, bulbs. Luxurious lawns, 2 weeks earlier—bigger, earlier flowers, garden crops! Seeds dusted with Rootone germinate faster, root deeper, make stronger, healthier seedlings. Cuttings dipped in Rootone speedily develop surprising roots. Free booklet on request. Lawn seed \$1.00. Pound, ppd.

Thompson's Vitamin B-1 PELLETS and SHAKE-A-DROP BOTTLE



Add this vital growth factor to your regular garden routine and your flowers will respond amazingly with vigorous, new healthy growth. Thompson's research laboratories make it easy to apply B-1. Just dissolve pellet in Shake-A-Drop Bottle, shake into sprinkling can and apply. Fool-proof, no guess-work. Box of 100 Pellets (makes 2000 gals.) \$1 Trial box of 10 Pellets and Shake-A-Drop Bottle... 25c



Magic GREEN FINGERS



Simply push Magic Green Finger into soil of potted plants, window box, or garden plants—and watch improved growth and beauty! Easiest way to apply Vitamin B1. Each Green Finger provides an average plant with B1 stimulant for 1 month! Attractive, colorful pkg. of 48 Magic Green Fingers, 35c ppd.



VITAMIZE AS YOU SPRINKLE

No special nozzle—no extra attachments to buy! New, easy, quick way to vitimize lawn and garden. Grow gorgeous flowers, a luxuriant lawn that's the envy of the neighborhood!

NO MESS—NO BOTHER

Simply remove nozzle from garden hose, drop Vitamist cartridge into the hose, replace nozzle and turn on water! One cartridge vitamines 1,500 sq. ft.

Packed 30 cartridges in a box, enough to vitimize 1,500 sq. ft. once a week for 30 weeks. THIRTY WEEKS' SUPPLY: POSTPAID

\$1.00



AVAILABLE ANALYSIS

Nitrogen.....5%
Phosphoric Acid.....10%
Potash.....5%

Culturaid sticks

ORGANIC PLANT FOOD AND SOIL CONDITIONER

Wonderfully convenient way to fertilize house plants, window boxes and flower pots—just press odorless Culturaid Sticks into the soil and watch results! Nourishment is released gradually from organic material to promote balanced root and top growth. Special minerals provide a permanent column for ventilation of roots.

Cartons of 32 Culturaid Sticks... PPD. 25c

Grow Flowers, Vegetables WITHOUT SOIL

"The 20th Century Sensation"



You've Read About It in Magazines

Now Try It Yourself



With Chemi-grow you can grow more gorgeous flowers, more nutritious vegetables, in water—without soil, the year round, in your own home!

In chemical growing, every mineral that every plant needs is dissolved in water, and plants grow in any handy crock, bottle or mason jar. Roots are small, and all growth goes into larger plants—much faster ripening—bigger and more perfect fruits and flowers.

Can also be used on soil-grown plants and potted plants, by merely watering with half-strength solution—a surprising stimulant. Grow these amazing new "soil-less" flowers and vegetables, winter or summer. It's fascinating and easy. Complete directions. Small pkg. (makes 6 gallons) 35c, large pkg. (makes 15 gallons) 55c, postpaid.

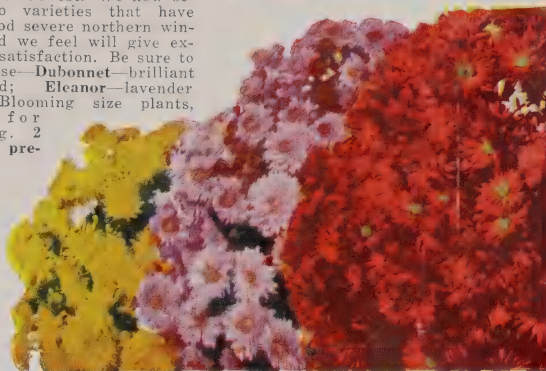
NEW HARDY BUDDLEIA

BUTTERFLY BUSH

Wanted by thousands who usually considered these beautiful perennial flowers not sufficiently hardy for the Northwest. We now offer two varieties that have withstood severe northern winters and we feel will give excellent satisfaction. Be sure to try these—**Dubonnet**—brilliant wine-red; **Eleanor**—lavender pink. Blooming size plants, grand for cutting. 2 for 85c, prepaid.

Big Six Offer \$1.95

- 2 New Hardy Buddleia
 - 2 New Hardy Carnations
 - 2 New Hardy Chrysanthemums
- All six (value \$2.20) Pre-paid for \$1.95



NEW "VICTORY RED" HARDY CARNATION

First time offered. A hardy ever-blooming carnation, deep red in color, long stemmed, and blossoms large as a greenhouse carnation. Several years of experimenting have produced this hardy variety. Supply limited. 2 for 85c, prepaid.

NEW HARDY CHRYSANTHEMUMS

Most admired fall flowers for northern gardens—newest attractive varieties in lovely pastel shades. Early blooming and easy to grow.

- 1 Lavender Lady Double silvery lavender
- 2 Mrs. Pierre Dupont Double peach-pink
- 3 Dean Kay Semi-double & bright pink
- 4 King Midas Double yellow tinged bronze
- 5 Autumn Lights Double bronze red

All 5 for **ONLY**
(Value \$1.75) **\$1.40** ppd.

622 SKYLINER GIANT CLIMBING TOMATO

Amazing growth of 10-15 ft.—tremendous yields of beautiful large crimson fruits, make Skyliner the "talk of the town." Single vines have yielded 2 bu. of ripe tomatoes. They are of excellent flavor, and free from blight and disease. Pkt. 15c, ½ oz. 50c. (See page 25.)



ASPARAGUS

NEW EARLY PARADISE

Sensational new variety producing crops a year earlier than other varieties. Large crisp tender stalks, excellent flavor and rust resistant. A money maker for gardeners. Heavy one year roots—25 for 60c, 50 for \$1.00, 100 for \$1.75, prepaid. (See page 27)

RED RHUBARB

NEW MACDONALD

Its bright crimson color when cooked makes this new rhubarb most popular. It produces large tender stalks, very succulent, delightful flavor. Most profitable for growers. 3 for 85c, 12 for \$2.75, ppd. to 3rd zone. (See page 27)



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Ship to _____ State _____
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Name Your Railway (or Truck Line).....

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OUR TERMS: Cash with order. Drafts, money orders or express orders are safe; when cash is sent in letter, register or insure the same, else we cannot be responsible. We prefer not to accept stamps. Send cash, carefully wrapped, for small amounts. We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible beyond the price paid.

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A FEW GOOD NAMES OF FRIENDS INTERESTED IN OUR ANNUAL WILL BE APPRECIATED.

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Please write any letters or questions you wish us to answer, on a separate sheet of paper, with your full name and address. Do you receive more than one of our catalogs? Yes ☐ No ☐



TOMATO

No. 617—Pritchard or Scarlet Topper—73 Days

Disease resistant—most profitable gardeners variety. Large, smooth, solid, thick meat. Excellent quality and yield. Pkt. 10c, ½ oz. 25c, oz. 40c. (See page 24)

CUCUMBER

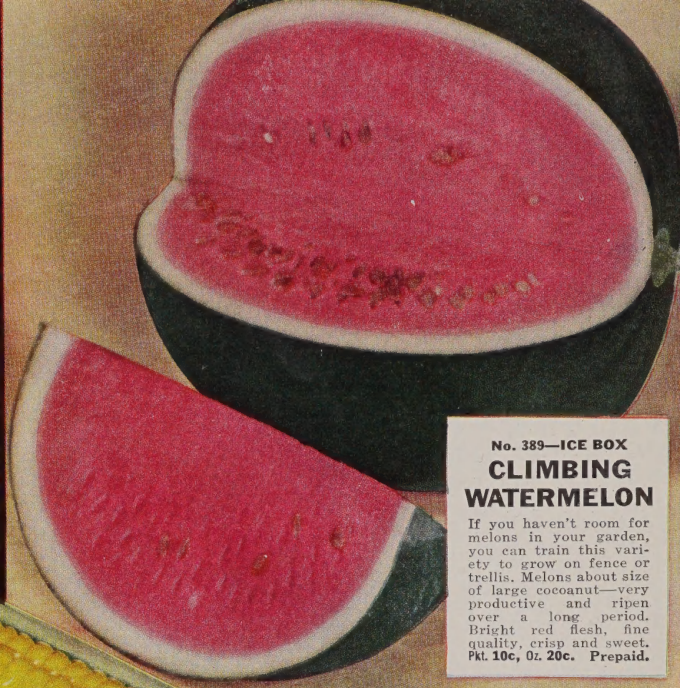
No. 256—Straight Eight—63 Days

Beautiful cylindrical fruit—8 in. long, 2 in. diameter. Deep green color—vigorous grower—very productive. Pkt. 10c, oz. 18c, ½ lb. 50c. (See page 12)



NO. 355 GOLDEN GOPHER MUSK MELON

Wilt Resistant
It's thick yellow flesh is luscious to the very rind. Has medium heavy netting—is semi-oval shaped with small seed cavity. High in sugar and first to ripen. Pkt. 10c, oz. 20c. (See page 14)



NO. 389—ICE BOX CLIMBING WATERMELON

If you haven't room for melons in your garden, you can train this variety to grow on fence or trellis. Melons about size of large coconut—very productive and ripen over a long period. Bright red flesh, fine quality, crisp and sweet. Pkt. 10c, Oz. 20c. Prepaid.


MINHYBRID "202" SWEET CORN

Earliest Bantam Hybrid, of unusual flavor—tenderness and sweetness—5 days earlier than Golden Bantam. Ears 5-7 in., 8-10 rowed. Pkt. 10c, ½ lb. 25c, lb. 45c. Prepaid. (See page 10)



NO. 448 EXTRA EARLY EIGHT WEEKS PEAS—(56 Days)

First quality pea of the season. Vines 13 in. high—dark green pods 3 in. long, containing 7-9 peas. Pick young—flavor unexcelled. Pkt. 10c, ½ lb. 18c, lb. 30c. Prepaid. (See page 18)



RED WING FLAX

Minnesota's Rust & Wilt Resistant
Strain

Make money with Flax—brings \$25.00 to \$35.00 per acre—U. S. production small—crushers import huge quantities. Big new Flax straw markets for mfg. of cigarette paper. Now your straw stack alone more than pays for your seed! Page 71.



NEW OATS "MARION"


Rust and Smut Resistant

Cereal Manufacturers and Commercial Millers will pay a premium for "Marion"! The best type, plump, white kernel for milling and feed. Early, high yielding, high test weight, and stiff straw. See page 67.



SOY BEANS New Early Minn. Manchu

Ripens in Central Minnesota! Much earlier than regular Manchu. High in oil and protein. Highest yielder in Minn. Exp. Station trials. Make more money with these extra-early beans in 1942. Page 72.



HYBRID CORN Minhybrid 403

Why worry about ripening your corn before frost? Here's the best all around performer of the Minn. Exp. Station in the 110 day class. You can't go wrong on this record yielder and it's safe in Southern Minn., Wis., S. Dak., or Northern Iowa. Pages 1 and 68. Not sold through Agents! You save, buying direct. Prices opposite Page 1.

MASTER HYBRID SILO CORN

Why cut Silo Corn that's down flat and tangled? Master Hybrid Silo Corn stands straight and stalks stay green long after corn is ripe. It grows tall with leafy stalks and heavy ears, and feeds out better for modern feeders and dairymen. Page 69. Money-saving Prices on Blue Figure List in front of catalog!